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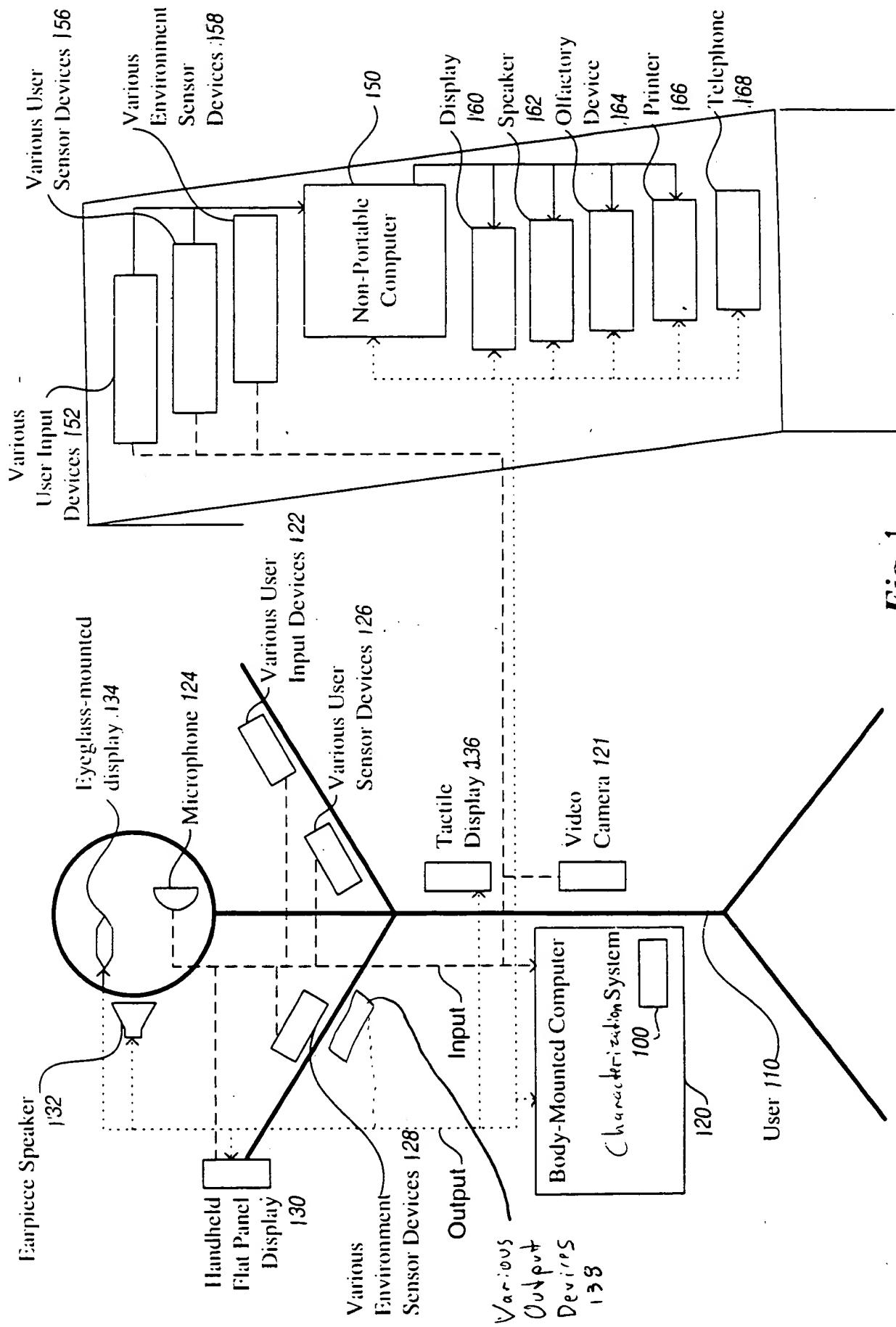


Fig. 1

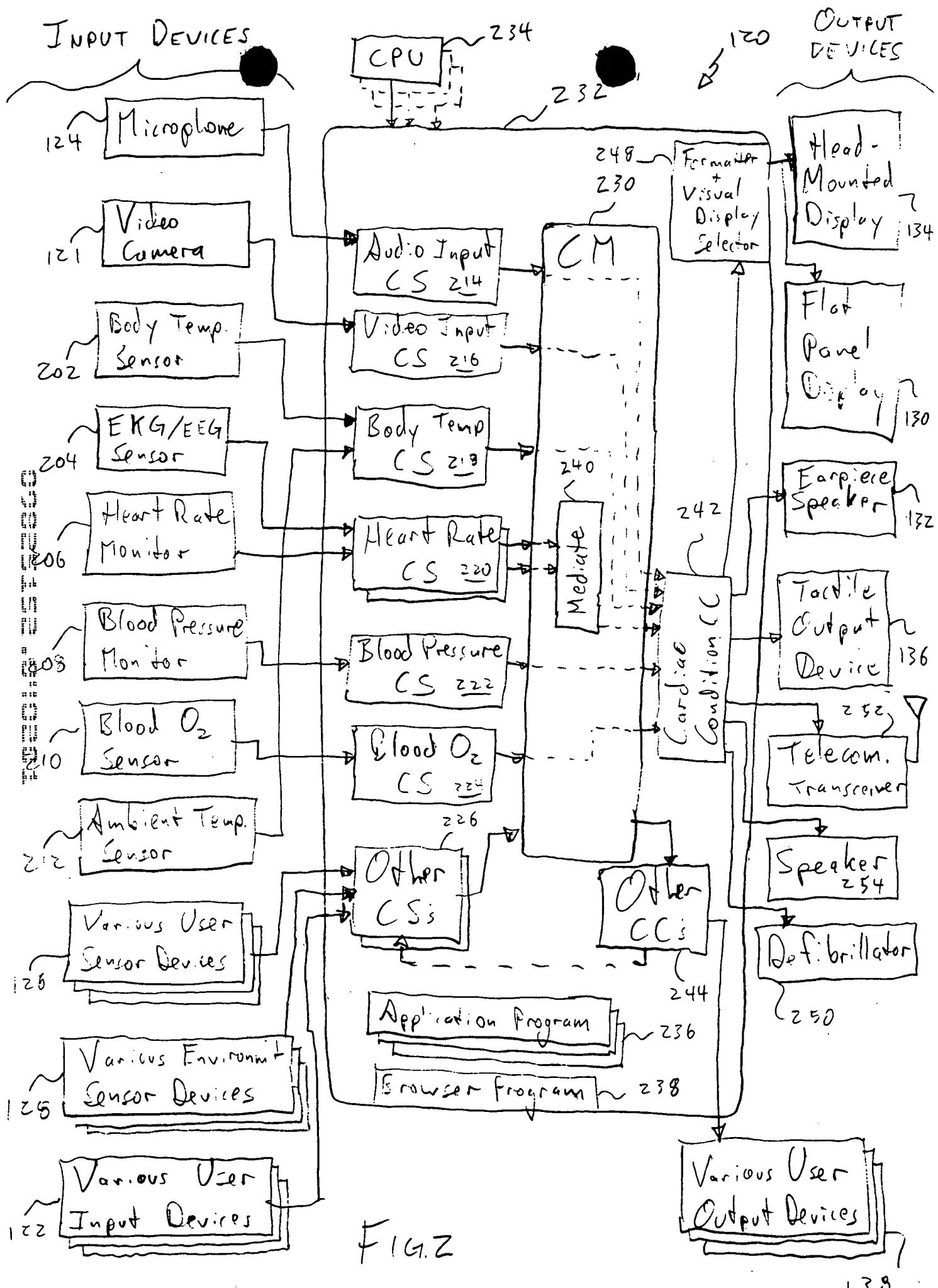


FIG. 2

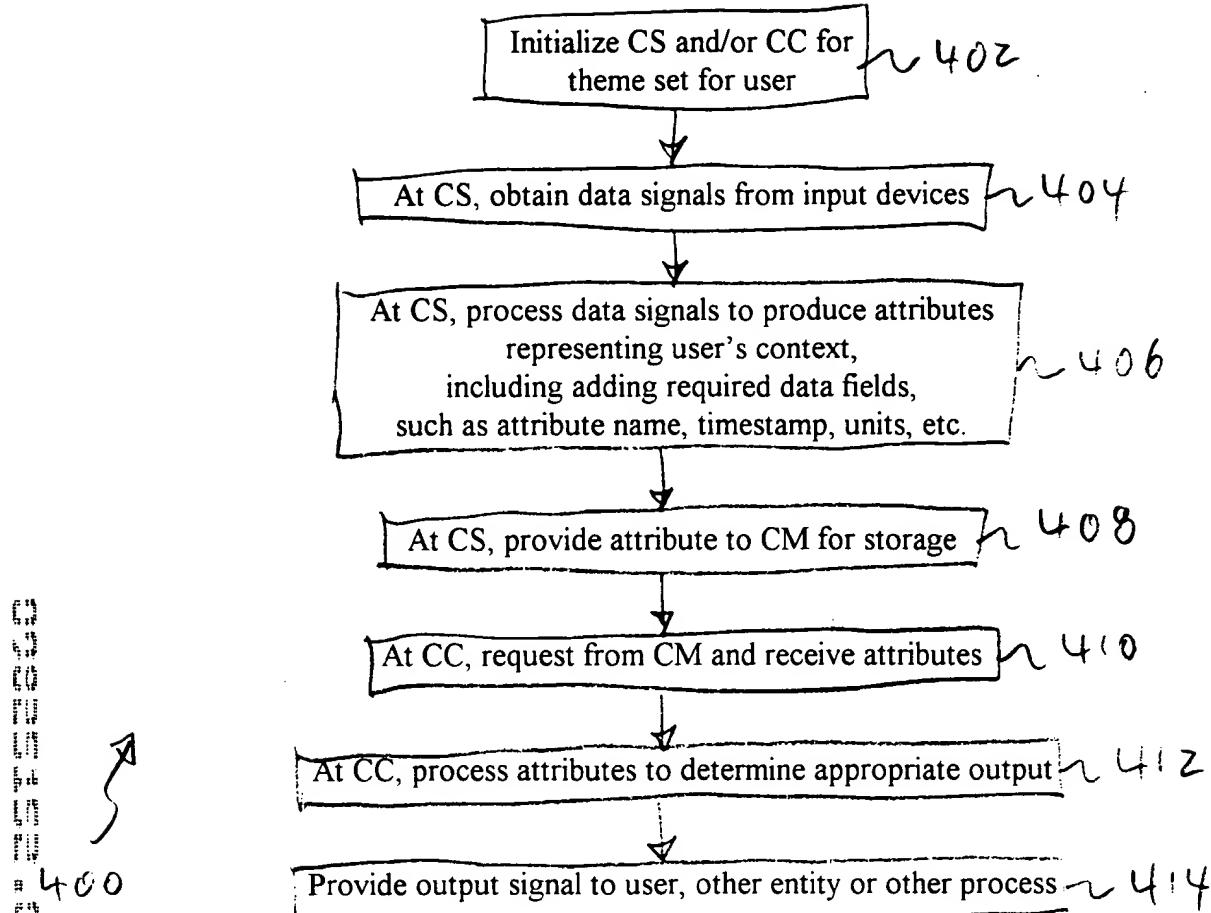


FIG 4

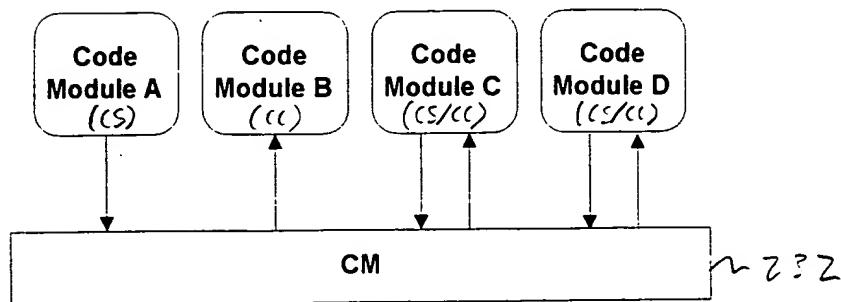


FIG 3

500 501 502 503 504 505 506 507 508 509 510

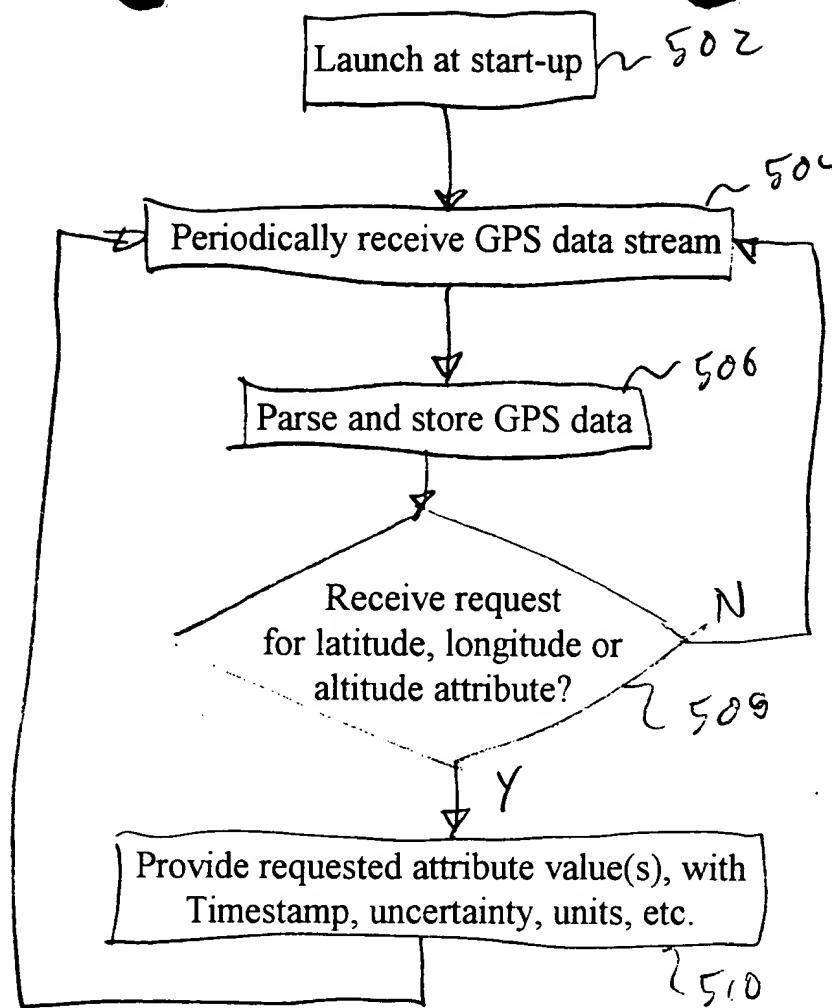


FIG 5A

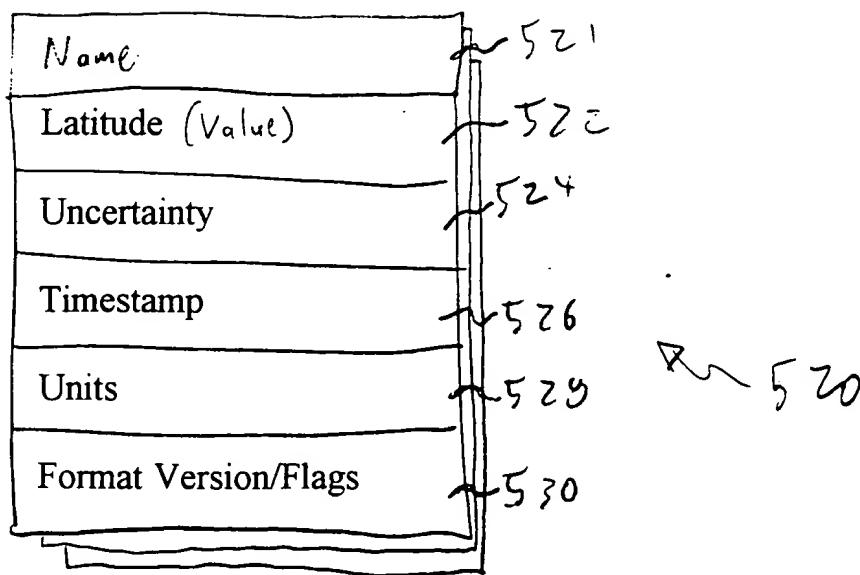


FIG 5B

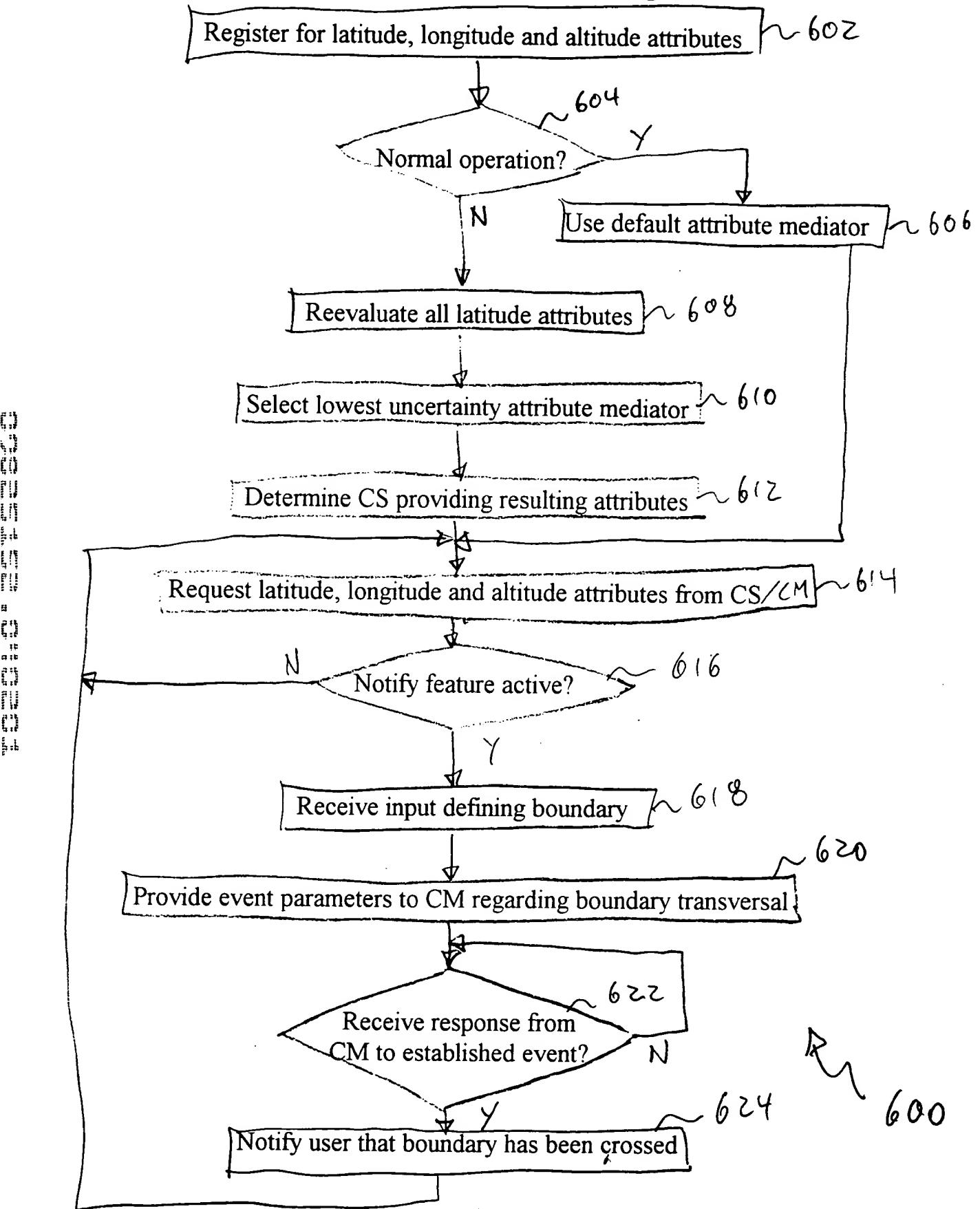


FIG 6

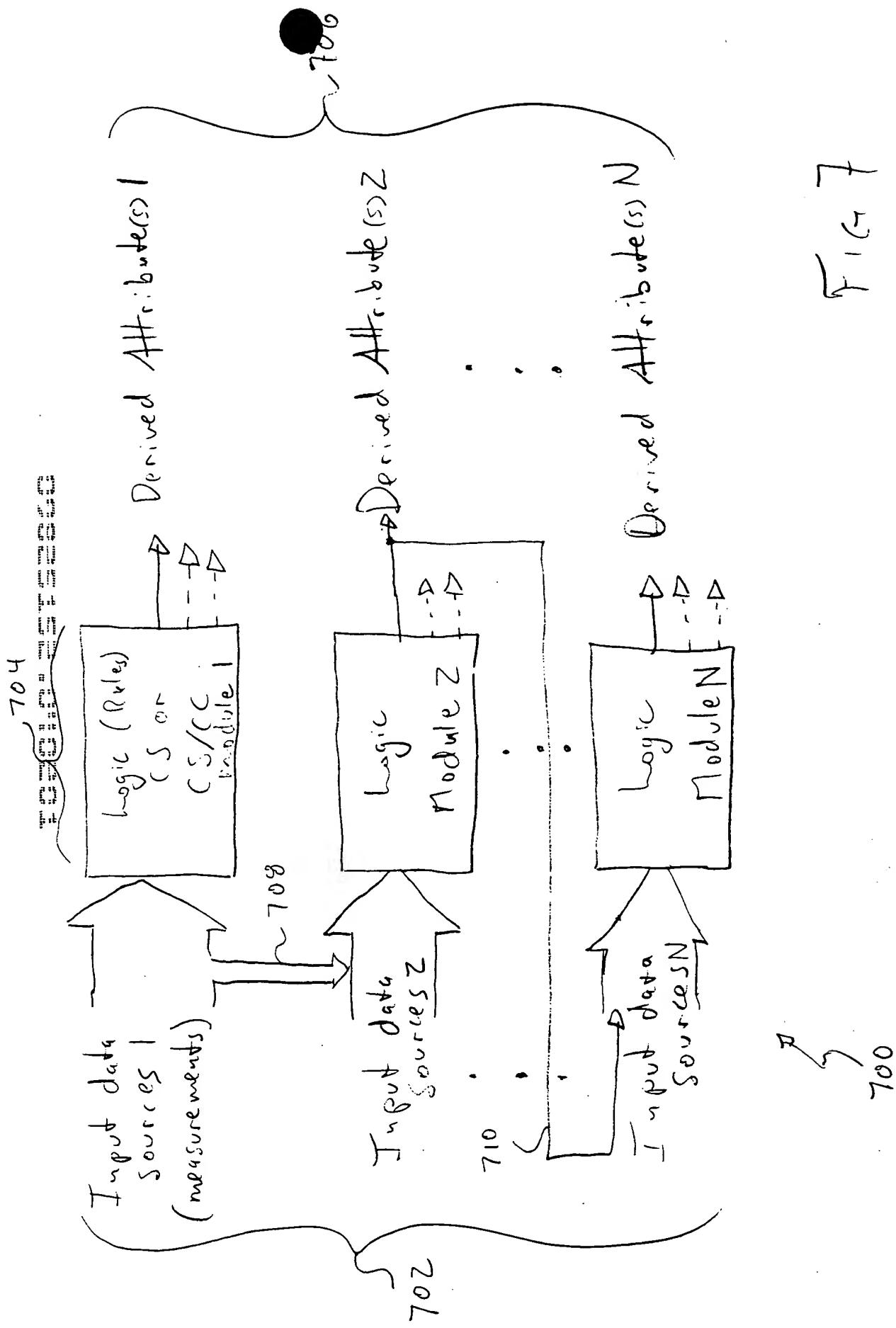


Fig 7

User.	Desired_privacy_level Interruptibility Speed Direction Acceleration Availability. Cognitive_availability Tactile_availability Manual_availability Visual_availability Oral_availability Auditory_availability Proximity.<Item or place name> Mood. Happiness Sadness Anger Frustration Confusion Activity. Driving Eating Running Sleeping Talking Typing Walking Location. Place_name Latitude Longitude Altitude Room Floor Building Address Street City County State Country Postal_Code Destination. (same as User.Location.) Physiology. Pulse Body_temperature Blood_pressure Respiration Person.<name or ID>. (same as User.) Platform.	Platform. (continued) CPU. Load Speed Memory. Total_capacity Used Storage. Total_capacity Used Connectivity. Connection_status Connection_speed Connection_type/device Connection_activity Power. Power_source Power_level Environment. People. Nearest Number_present Number_close Local. Time Date Temperature Pressure Wind_speed Wind_direction Absolute_humidity High_forecast_temperature Low_forecast_temperature People_present Ambient_noise_level Ambient_light_level Days.<previous or future>. High_temperature Low_temperature Precipitation_type Precipitation_amount Place.<place name>. (same as Environment.Local) Application. Mail. Available New_messages_waiting Messages_waiting_to_be_sent Phone. Available In_use On/off Notification_mechanism Call_incoming Caller_ID Sound_recorder. Available Recording
UI.	Oral_input_device_availability Manual_input_device_availability Tactile_output_device_availability Visual_output_device_availability Auditory_output_device_availability	

User Setting	Computer
Mental Context	Power
Meaning	Configuration
Cognition	User Input Systems
Divided User Attention	Hand/Haptic
Task Switching	Keyboard/Keystrokes
Background Awareness	Voice/Audio
Solitude	Eye Tracking
Privacy	Cursors
Desired Privacy	Axis
Perceived Privacy	Resolution
Social Context	Selection
Affect	Invocation
Physical Situation	Accelerators
Body	Output Systems
Biometrics	Visual
Posture	Resolution
Motion	Audio
Physical Encumberment	Public/Private
Senses	Haptic
Eyes	External Resources
Ears	I/O devices
Tactile	Connectivity
Hands	
Nose	
Tongue	
Workload demands/effects	Data
Interaction with computer devices	Quantity/State
Interaction with people	Urgency/Importance
Physical Health	Use of Prominence
Environment	Modality
Time/Space	Sensitivity/Purpose
Objects	Privacy Issues
Persons	Use of Association
Audience/Privacy Availability	Use of Safety
Scope of Disclosure	Source/Ownership
Hardware affinity for privacy	Types
Privacy Indicator for User	User generated
Privacy Indicator for Public	Other computers or people
Watching Indicator	Sensor
Being Observed Indicator	PC State
Ambient Interference	Use of Association
Visual	
Audio	
Tactile	

Fig 9

Various Content 1070
Computing Device 1000

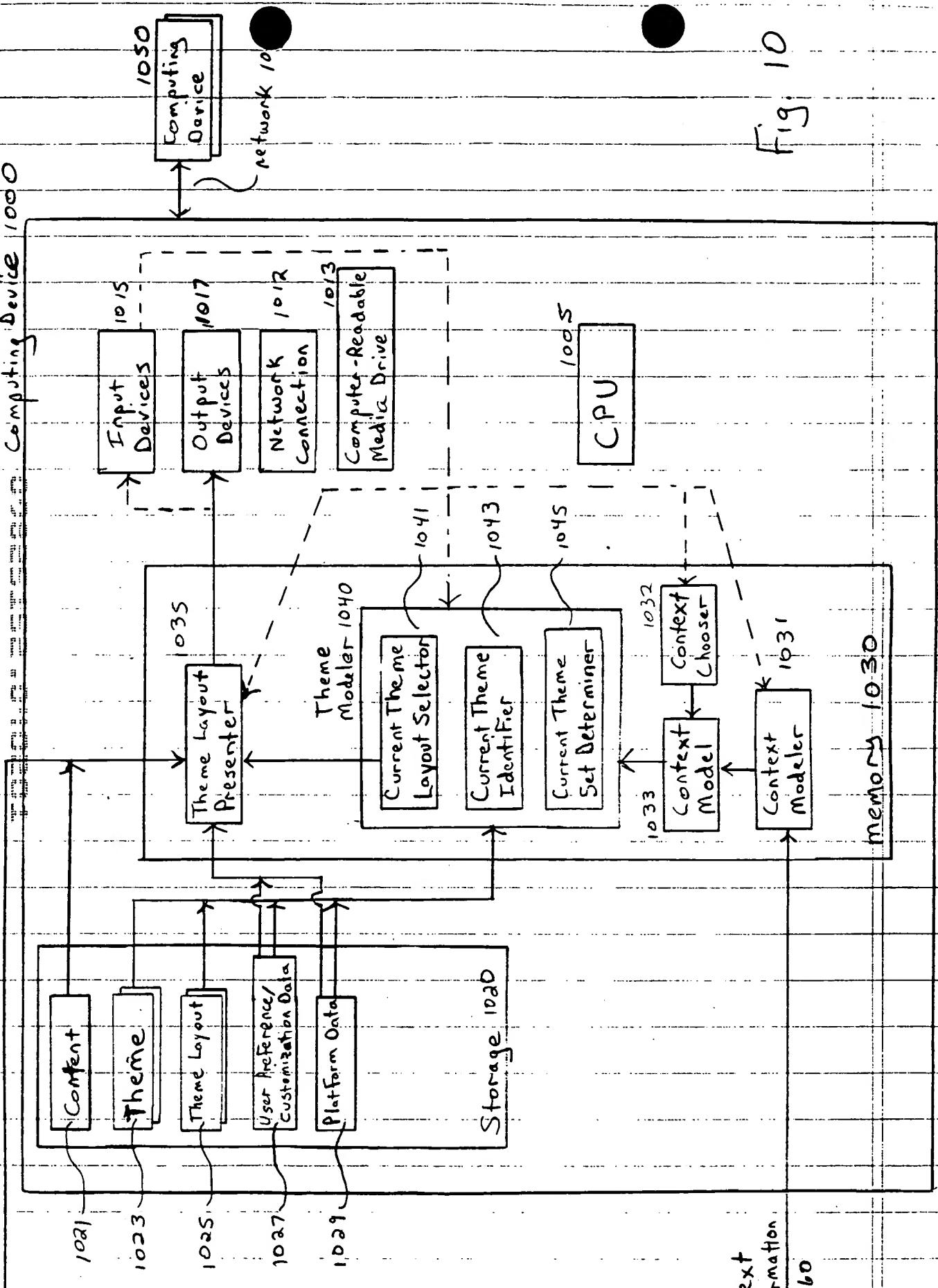


Fig 10

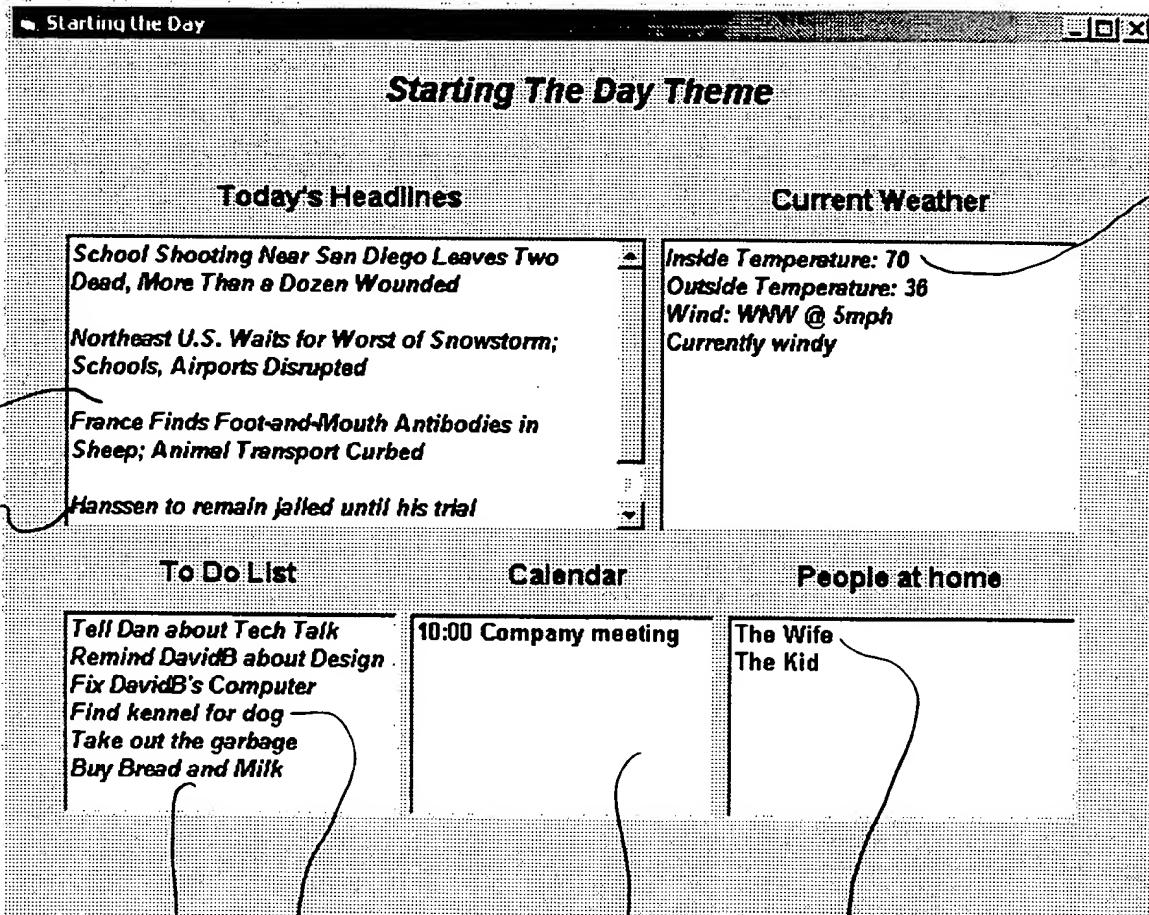
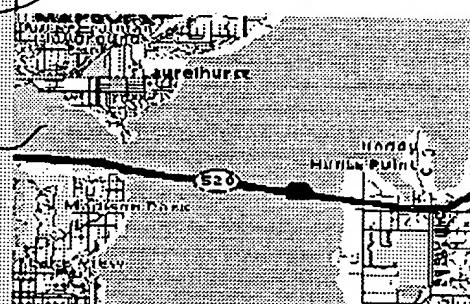


Fig. 11A

Driving to Work

Driving To Work Theme

Tengis
1848 Westlake Ave N
Seattle, WA
47.636 N -122.34 W



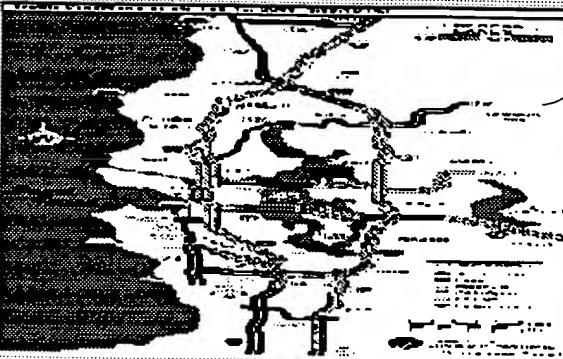
First Meeting for the Day
10:00 Company Meeting

People to Call

John T (425)444-5555 LOI
Mark Smith (206)936-6214 SDE Offer

Directions

1. Start out going South on EVERGREEN POINT RD
2. Turn LEFT onto NW 24TH ST
3. Turn LEFT onto 84TH AVE NE
4. Take the WA-520 WCNF ramp towards NWATTLE
5. Merge onto WA-520 W.
6. Take the I-5 NORTH exit on the left towards CITY C
7. Merge onto I-5 S.
8. Take the WA-518 exit, exit number 124L, towards NC MALL/HI HIKAWA-FAC AIRPORT
9. Keep LEFT at the fork in the ramp
10. Merge onto WA-518 W
11. Take the WA-59 exit towards SEA-TAC AIRPORT
12. Keep LEFT at the fork in the ramp
13. Merge onto IN-ENTRY DIR
14. Stay straight to go onto TICKETING/CHECK IN
15. Stay straight to go onto TICKETING/CHECK IN



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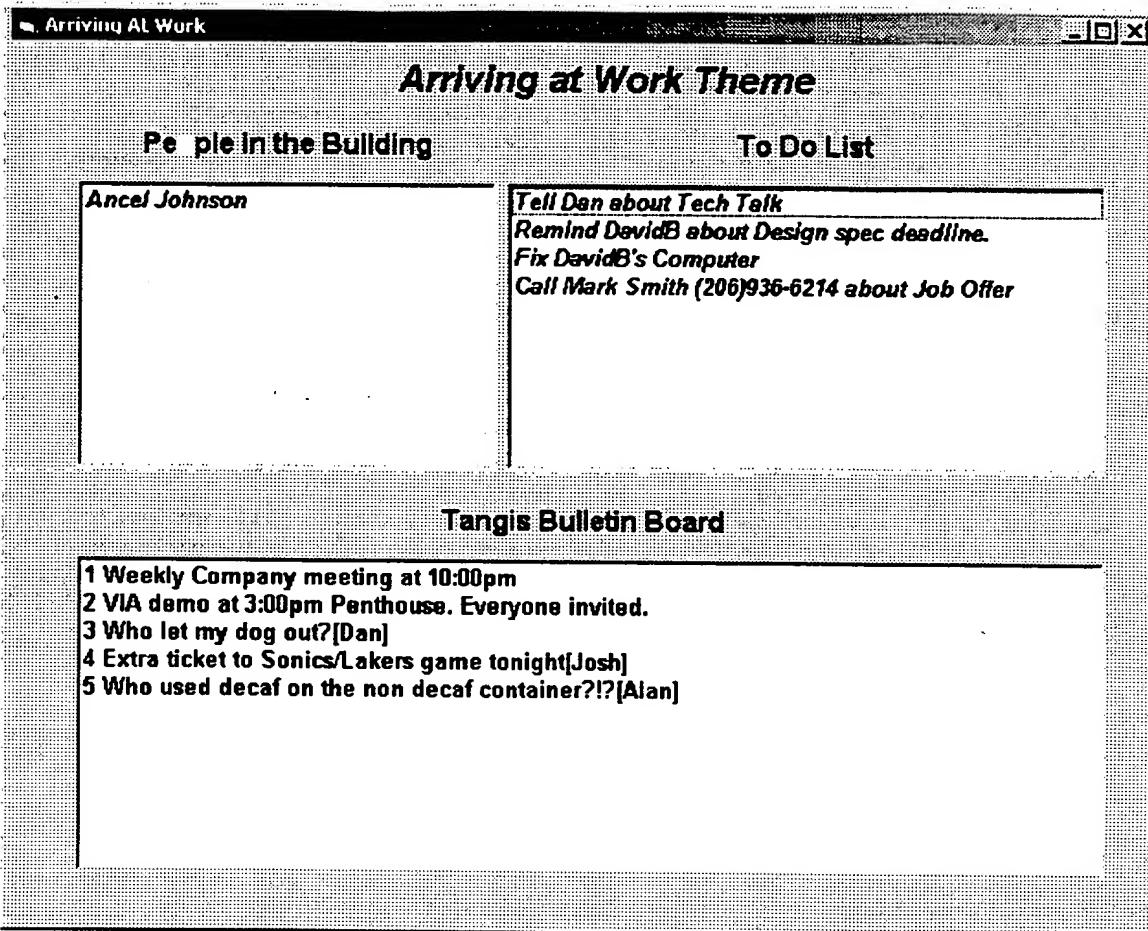


Fig. 11C

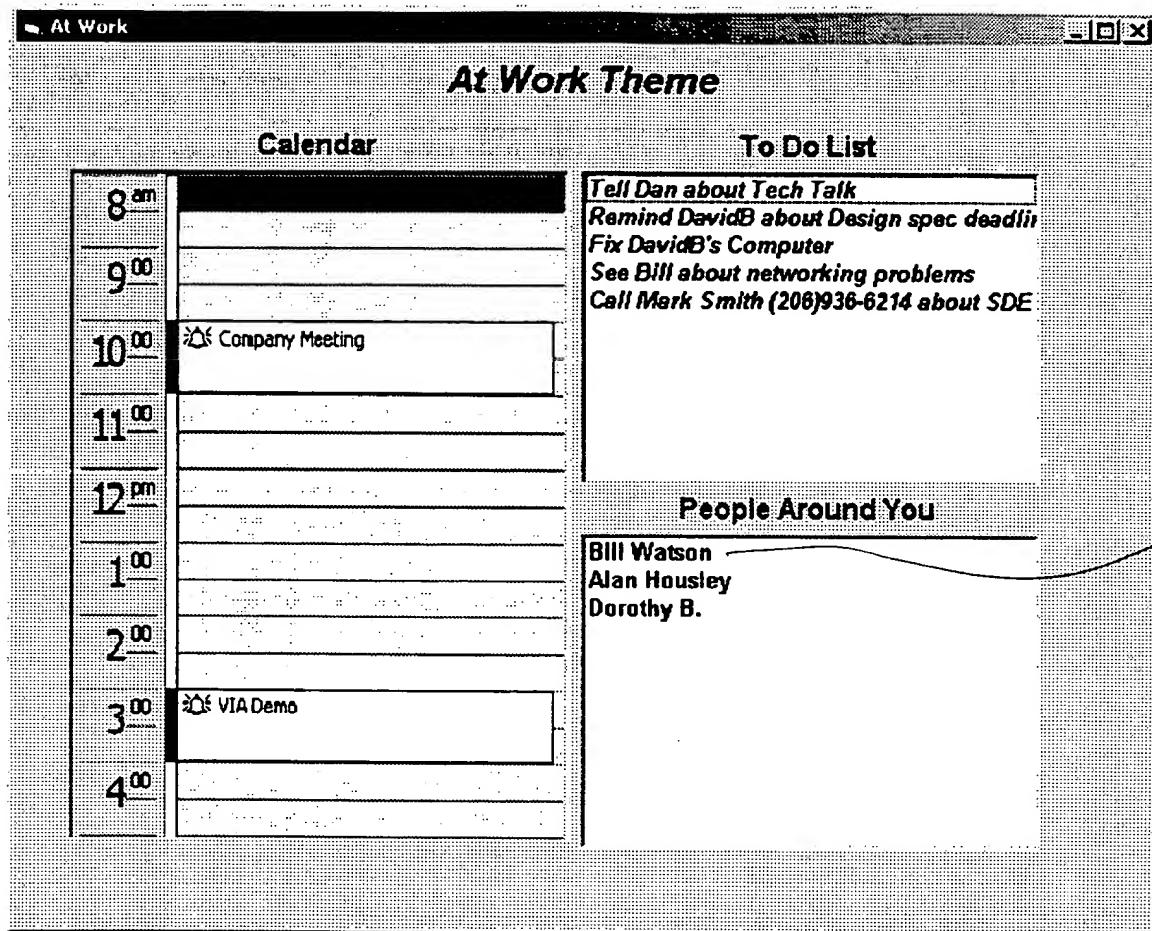


Fig. 11D

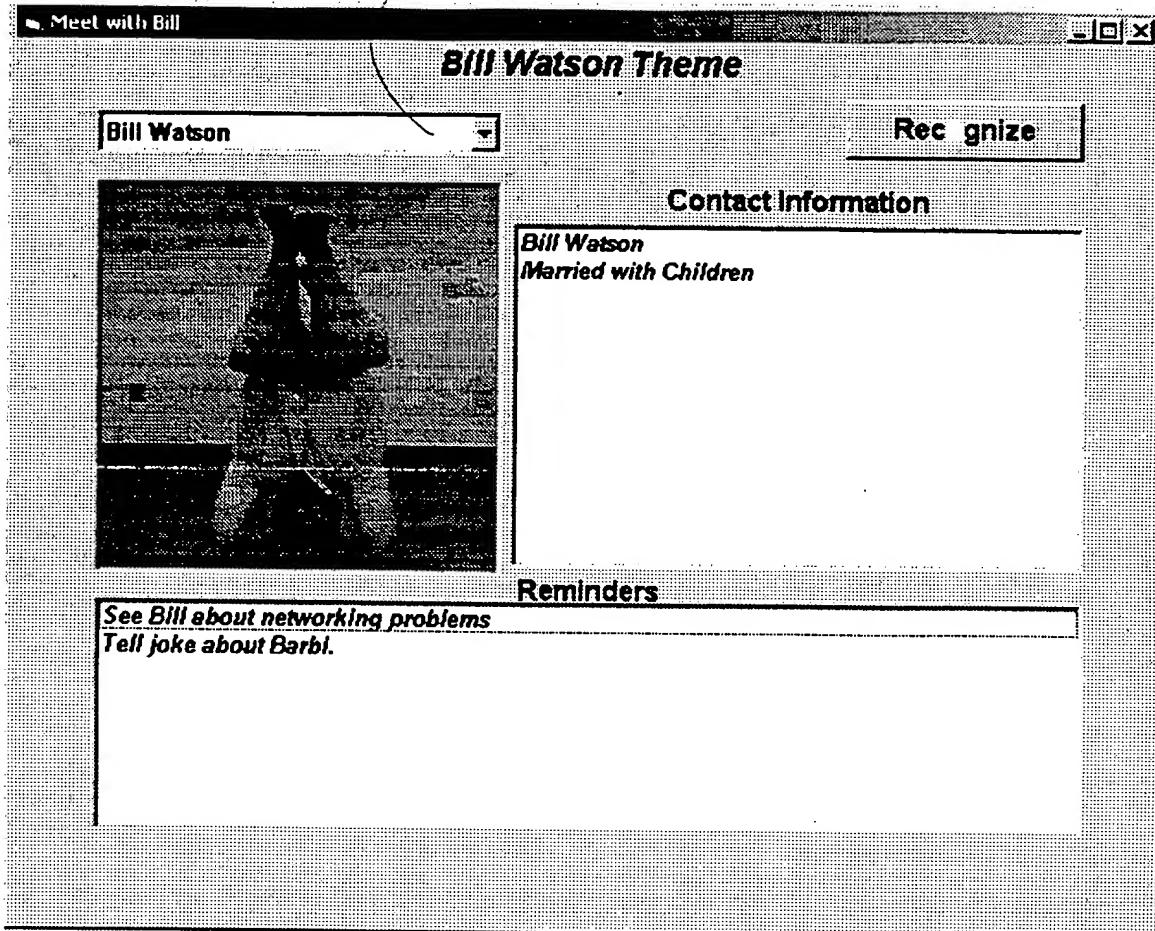


Fig. 11E

Meeting Theme

Things to bring up

Tell group what you did last week
Tell group what you plan to do this week
Tell group about your new invention.
Tell group about your upcoming skiing trip.
Kudos for Stan and Dorothy for finishing report

Notes

Finished coding Turing Machine on Monday.
Did bug bash on Tuesday.
Survived an earthquake on Wednesday.
Worked on CTK demo rest of last week
Continuing work on CTK demo rest of this week

People Present

Aaron Graves
Alan Housley
Ancel Johnson
Bill Watson
Brian Rose
Cesar Alvarez
Dan Newell
David Jukes
Dorothy B.
Jaquie T.
Jeff Fried
Jim Robarts
Johnson A.
Josh Freedman
Kanisha Patel
Ken Abbott
Lisa Davis
Molly Fitch
Scott Price
Stan Emert

137

Fig. 11F

Meet with Bill

Dan Newell Theme

Dan Newell



Recognize

Contact Information

*Dan Newell
Has met The Man
Married with 1 year old son*

Reminders

*Ask him about his 90 day plan
Tell joke about Barbi.
Ask Dan about his watch.
Tell Dan about Tech Talk.
Invite Dan to Lunch.
He owes you \$10.00*

Fig. 11G

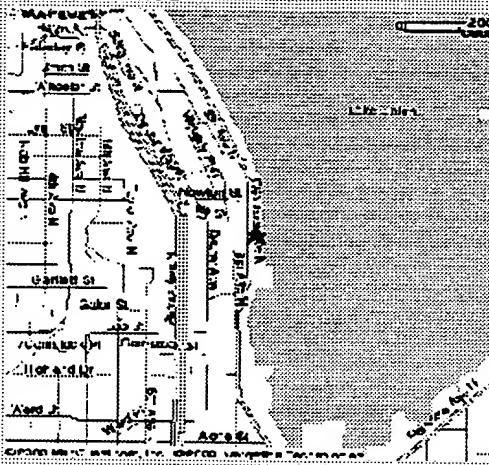
Lunch with Dan

Going to Lunch Theme

Restaurant in the Area

Kwanjai Thai
Thai Restaurant
1800 Westlake Ave

Previous Next



Tangis Employee Comments

Great Thai food. Highly Recommended. -Josh
Pretty good thai food. Try out their panang. -Johnson

Fig. 11H

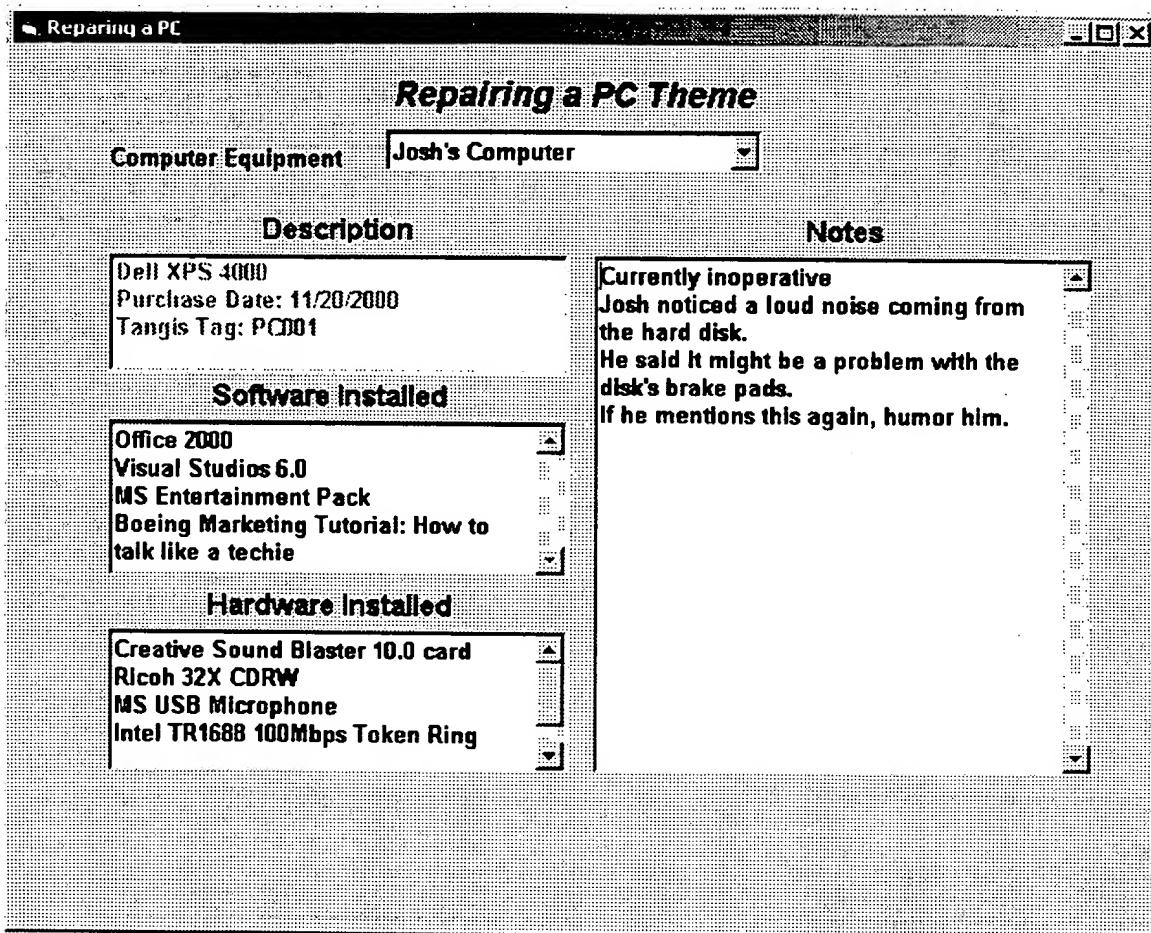


Fig. 111

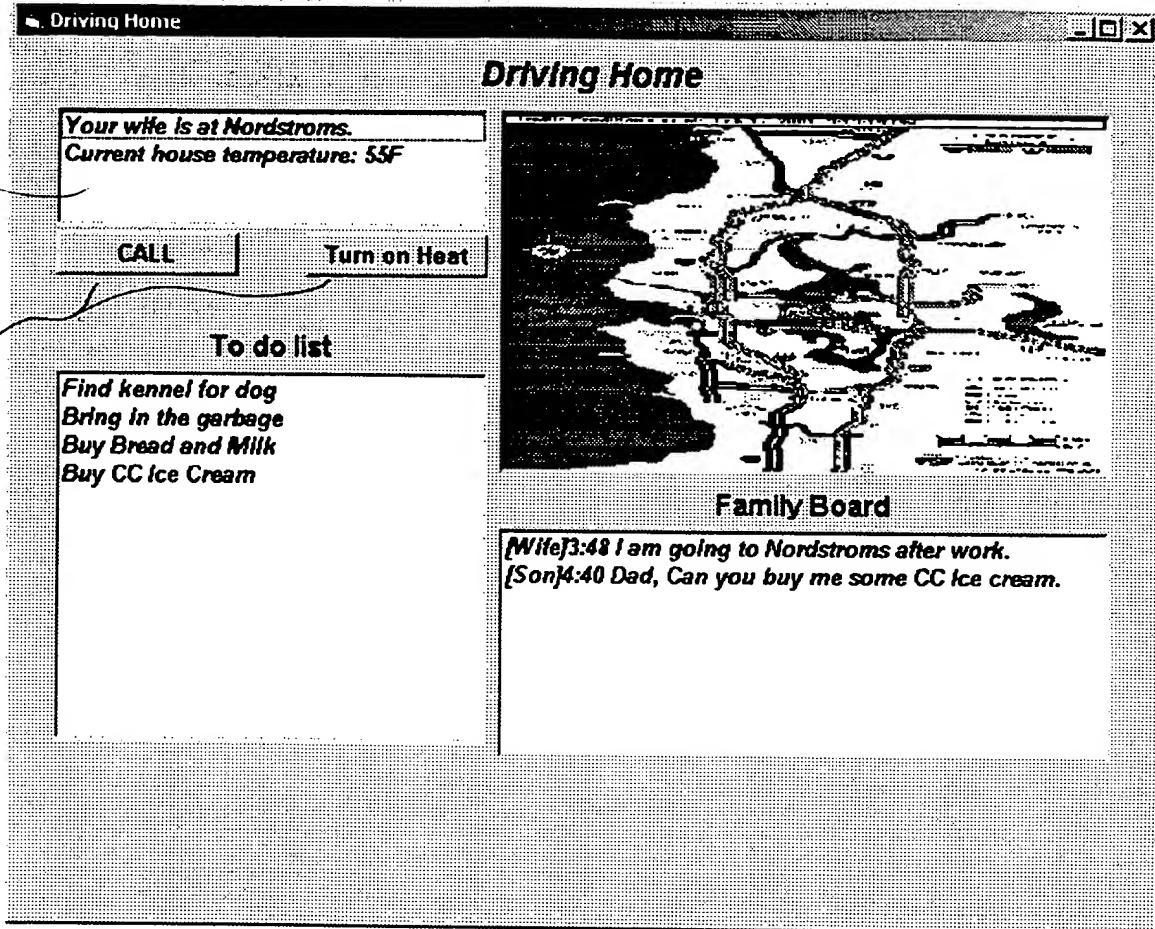


Fig. 115

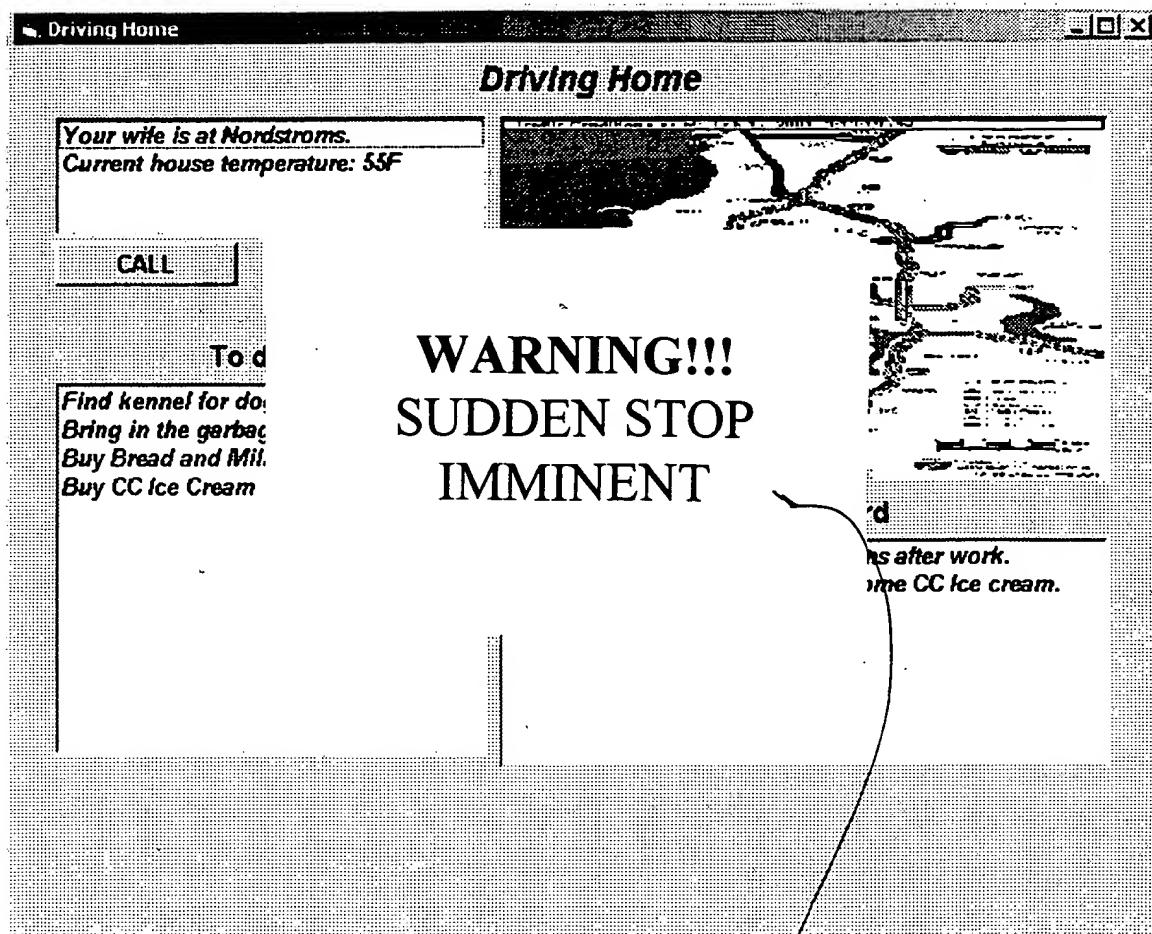


Fig. 11K

1190

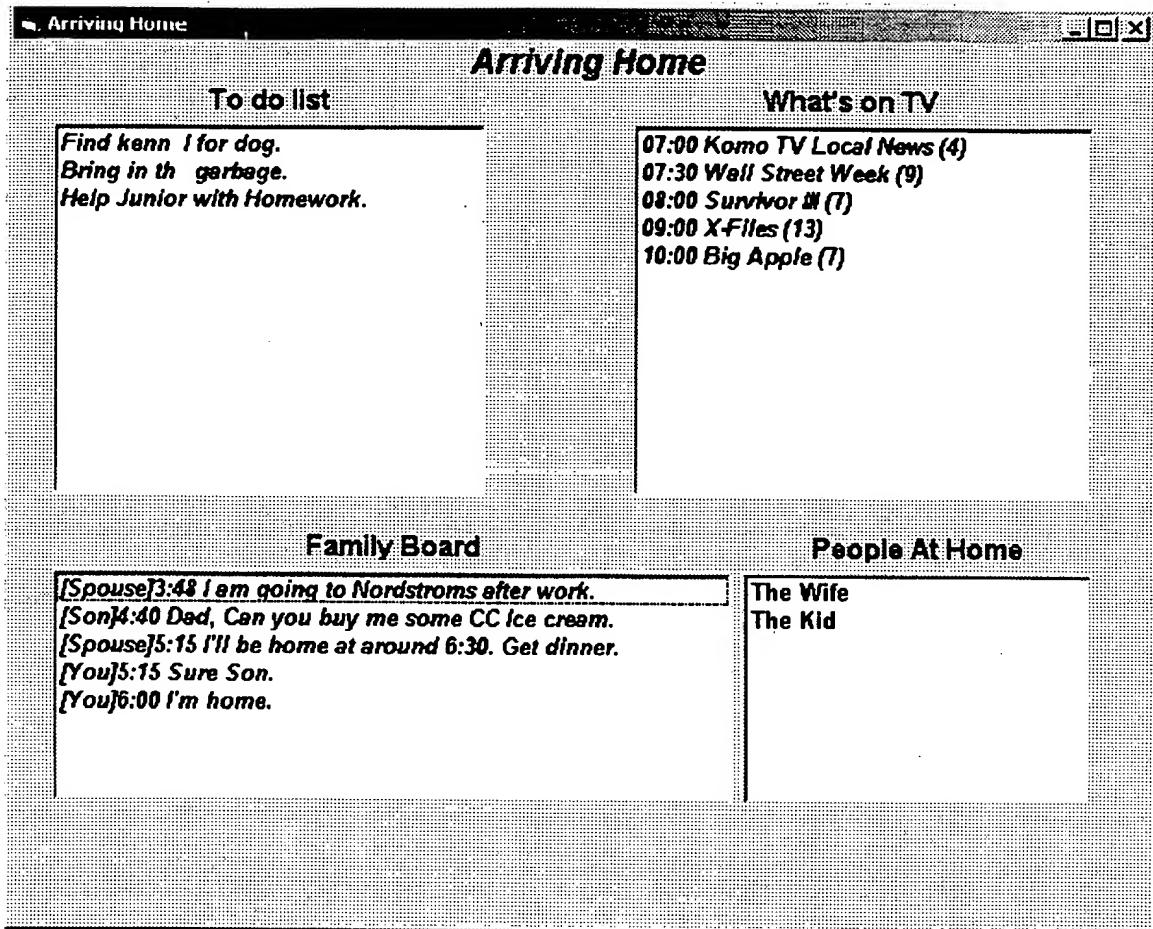


Fig. 11L

Example Current Theme Selection

Select A New Current Theme

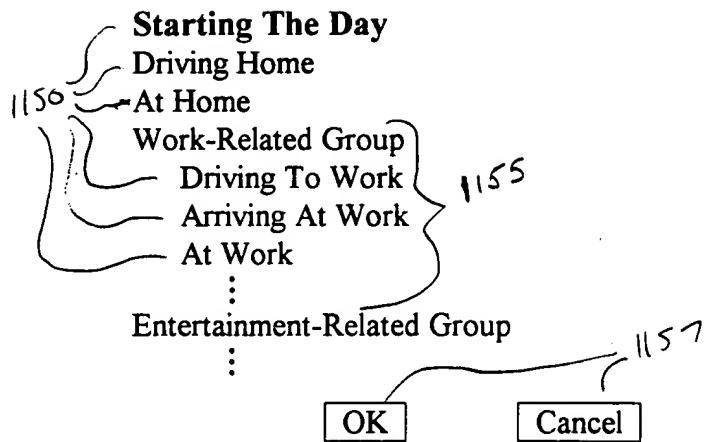


Figure 11M

Example Current Theme Set Modification

Current Theme Set

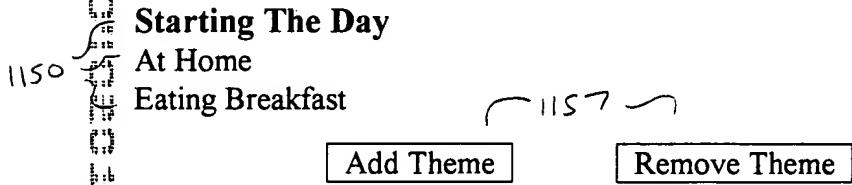


Figure 11N

Example Current Theme Layout Selection

Select A New Current Theme Layout

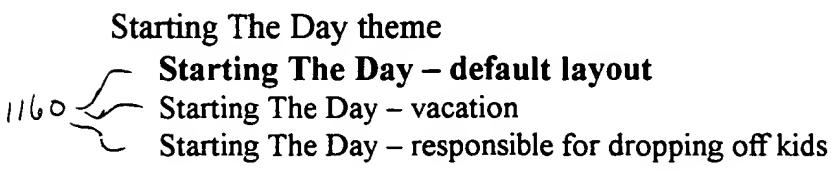


Figure 11O

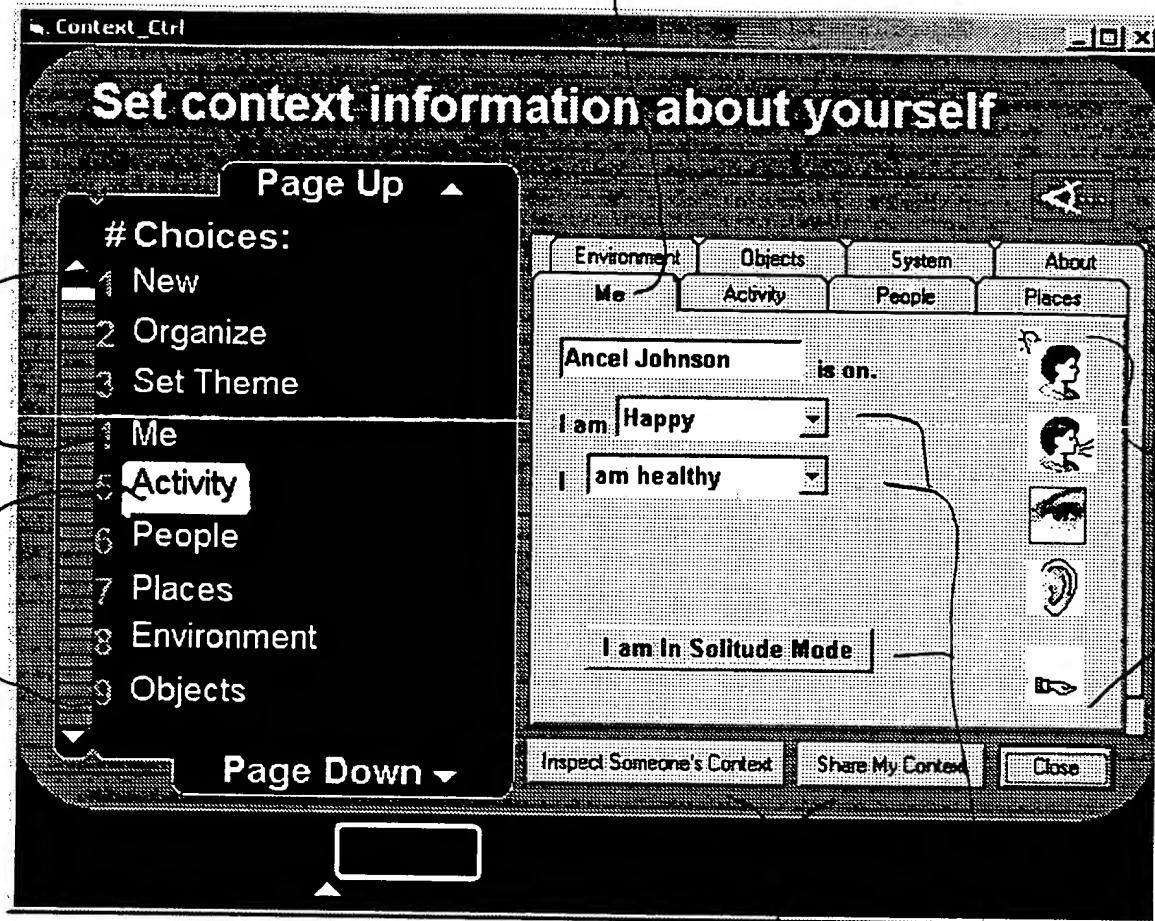


Fig. 12A

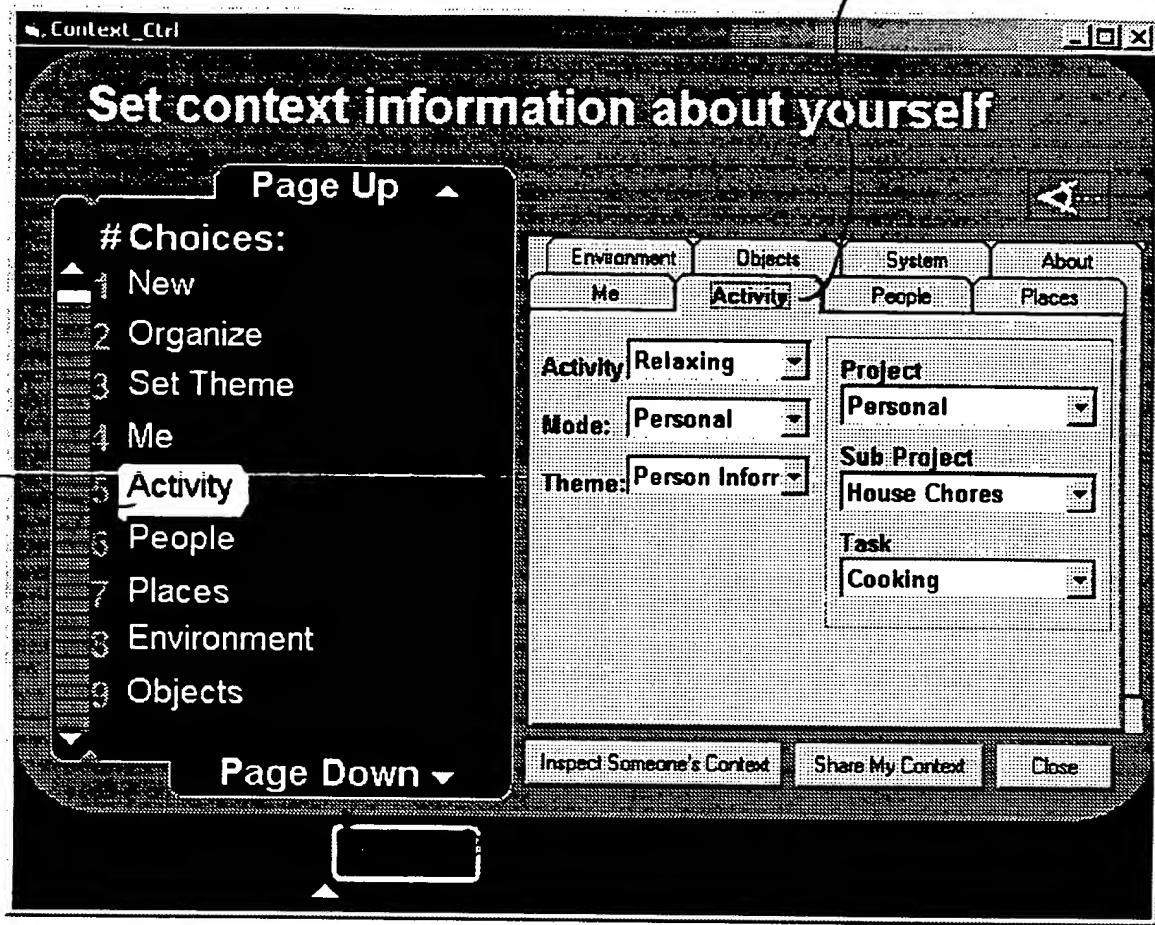


Fig. 12 B

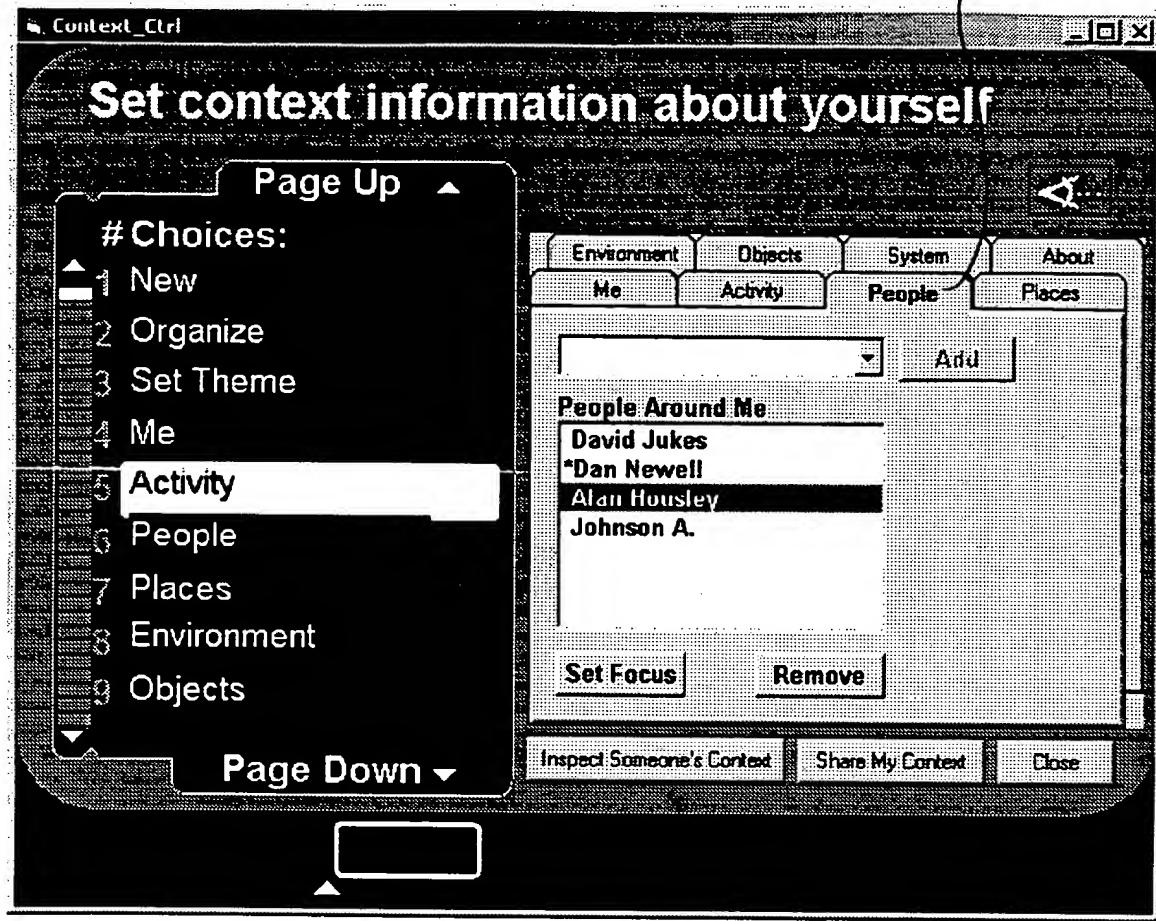


Fig. 12C

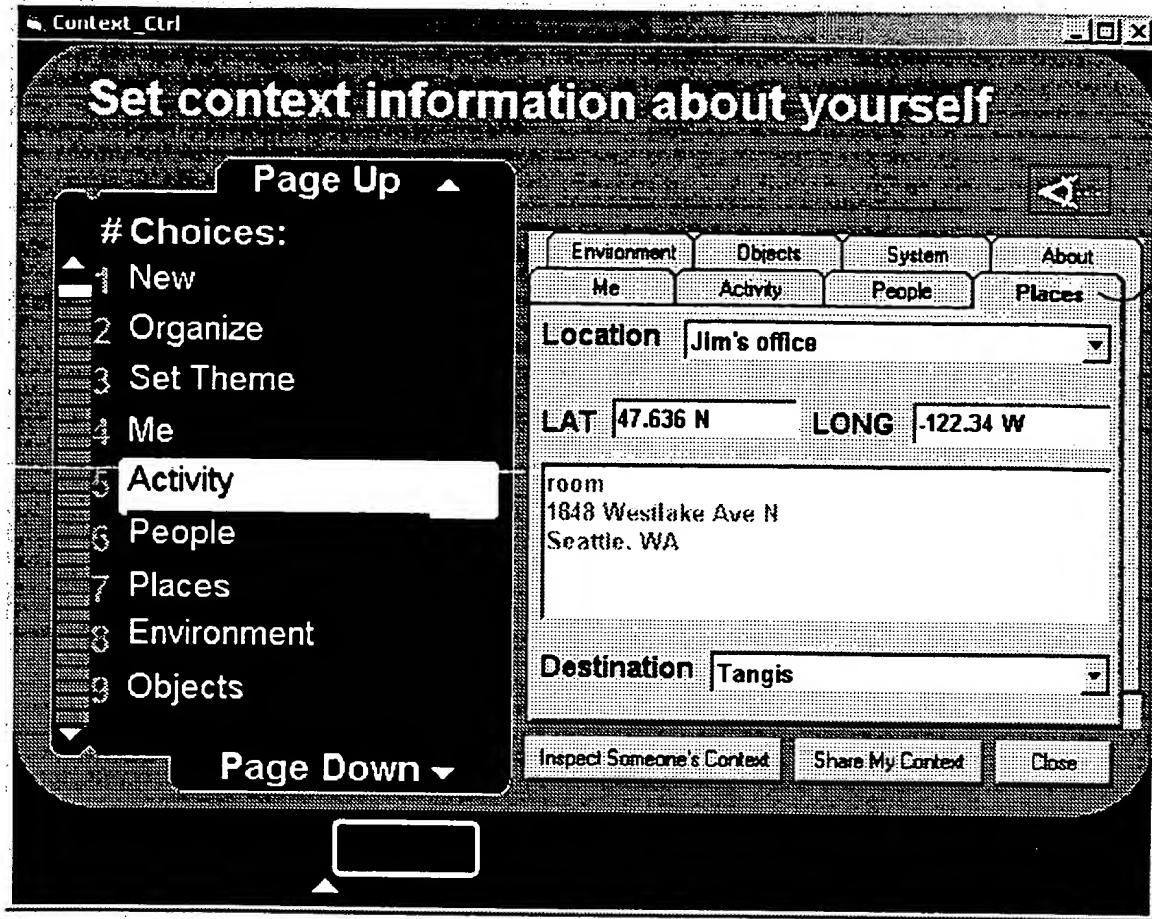


Fig. 12D

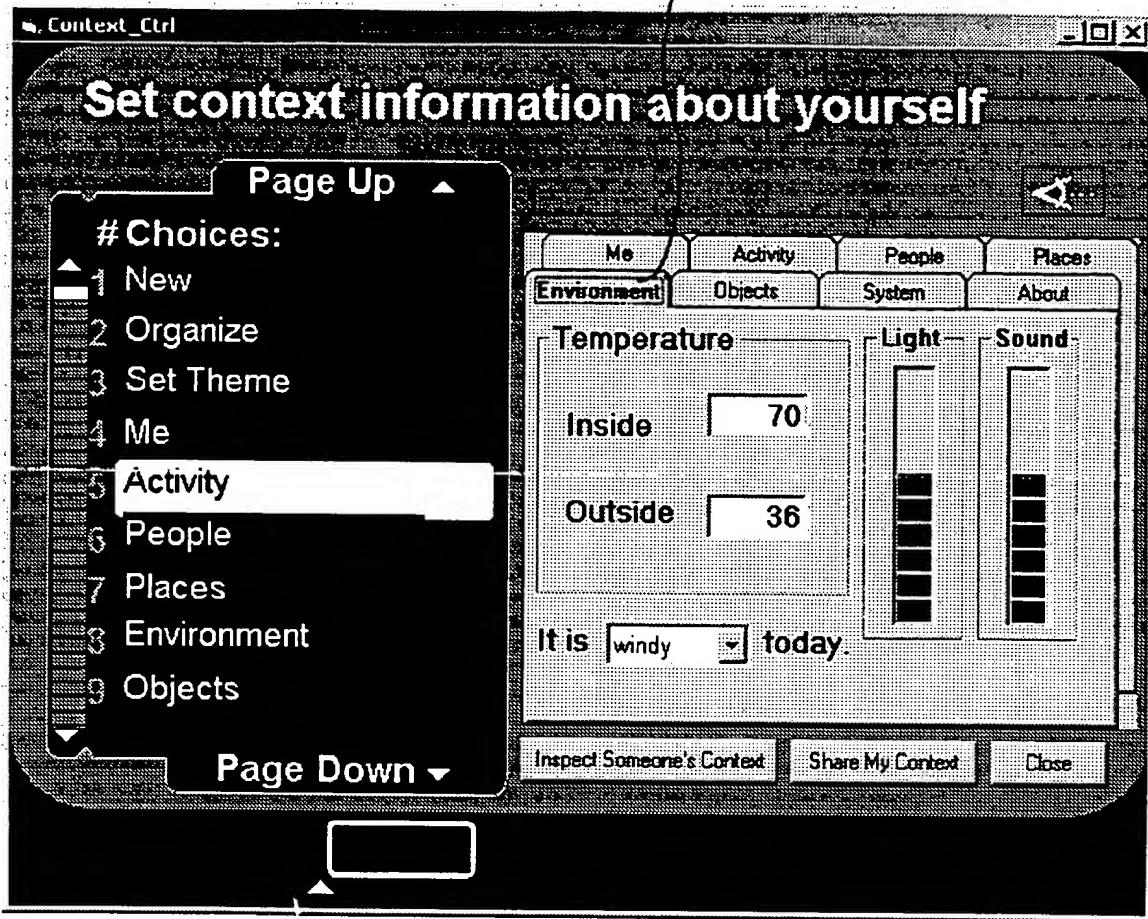


Fig. 12E

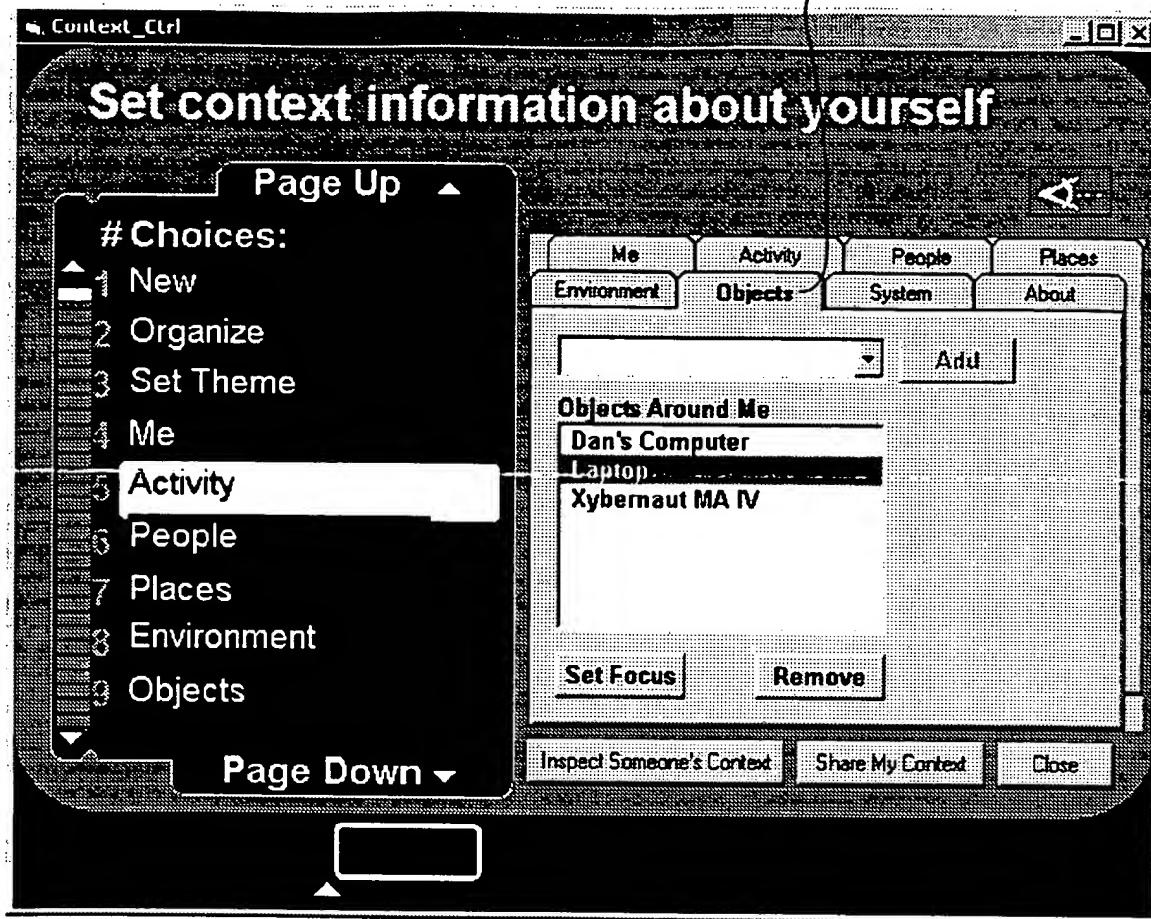


Fig. 12F

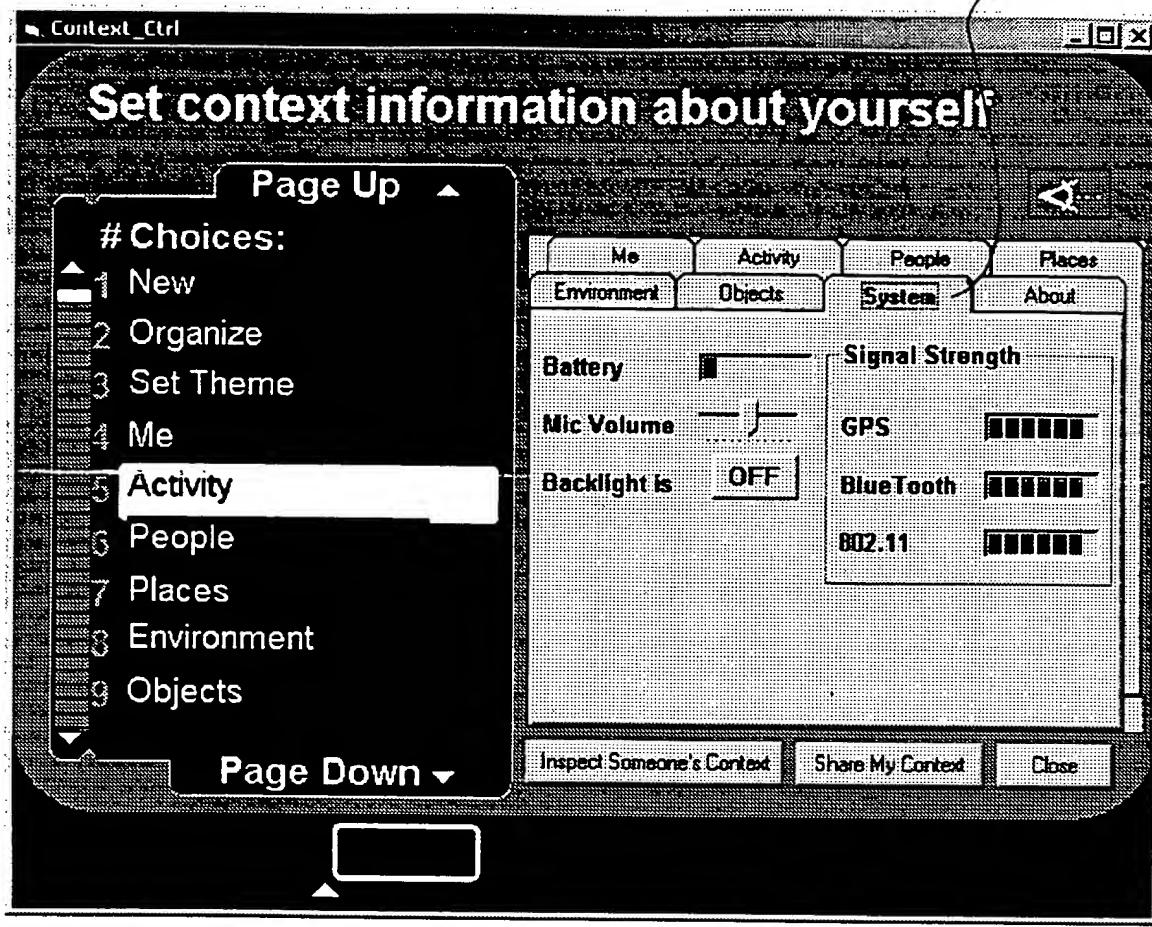


Fig. 12G

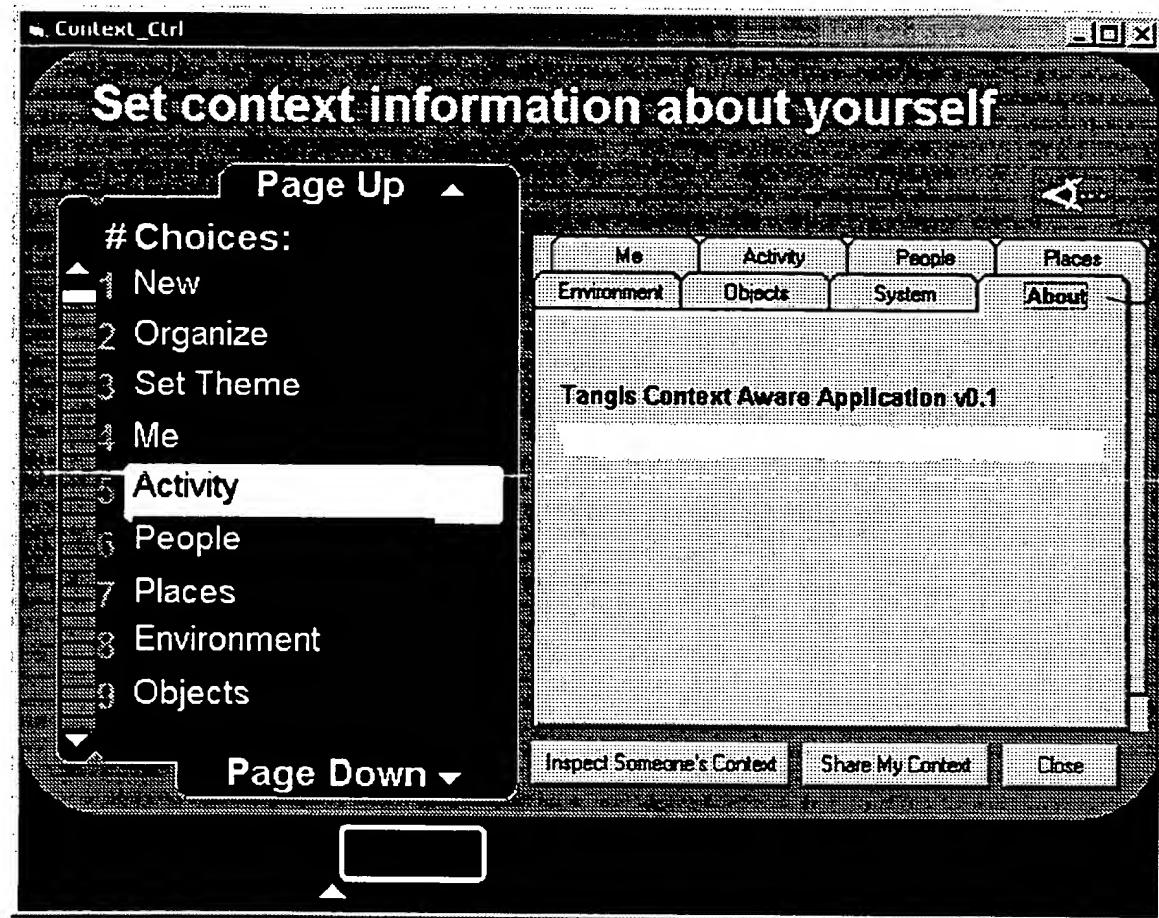


Fig. 12 H

Example Theme Data Structure

1302 1304 1300

1305	Name	Driving To Work
1310	Description	Intent Is To Organize Both Driving Info & Info About Work Arrival
1315	Security	Default: ****; Self: *****; ...
1320	Permission	Access: Self+Family+Friends+Source; Modification: Self; Copy: None; ...
1325	Privacy	Private
1330	Priority	Medium
1335	Group-ID	23
1340	Time-Active	Mon-Fri, 06:00-11:00
1345	Source	BCD Motor Company
1350	Theme-Content	"BCD Motor logo.gif"
1355	New-Attributes	DTW-BCD.driving-direction: (source = "BCD-DTW CS"); ...
1360	Theme-Matching	user.activity.driving = true (required); environment.local.time = 08:00-09:00 (optional); DTW-BCD.driving-direction = NOT "South" (required); ...
1365	Theme-Logic	IF <user.activity.driving> AND user.location.latitude > recent.user.location.latitude THEN DTW-BCD.driving-direction = "North"; IF DTW-BCD.driving-direction = "East" THEN Alert("You're Lost Again!!"); SET user.location[Access] = Family & Co-workers; ...
1370	Attribute-Set	<link> ; ... ; <link> ⋮

Attribute 1 Attribute N

1390

⋮

Name	user.activity.driving
Value	True
Uncertainty	High
Timestamp	07:32 03/24/XX
Units	boolean
Access	Family
⋮	

⋮

Name	DTW-BCD.driving-direction
Value	West
Uncertainty	None
Timestamp	08:13 03/24/XX
Units	North, North by Northeast, ...
Access	Self
⋮	

Figure 13

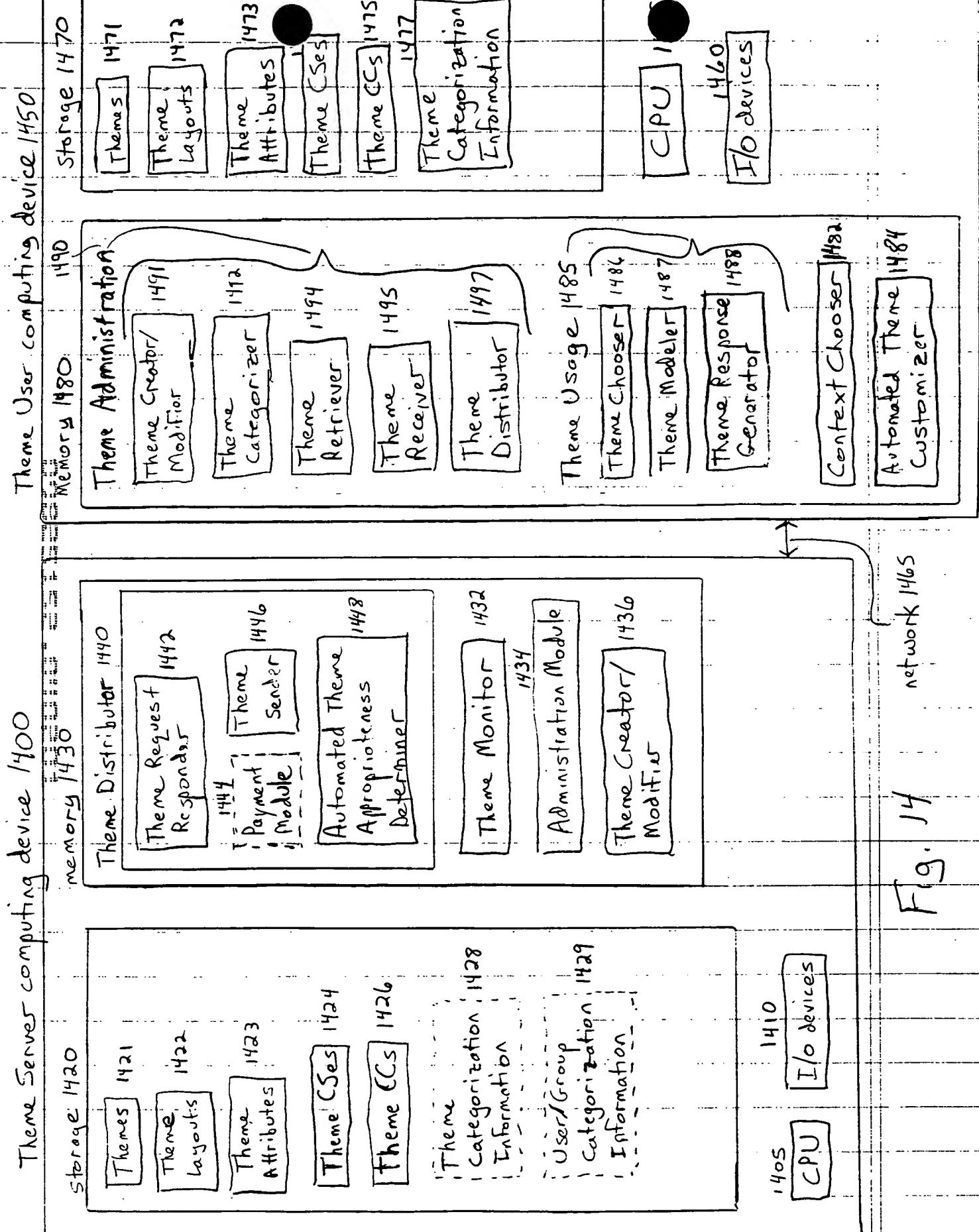


Fig. 14

Fig. 15

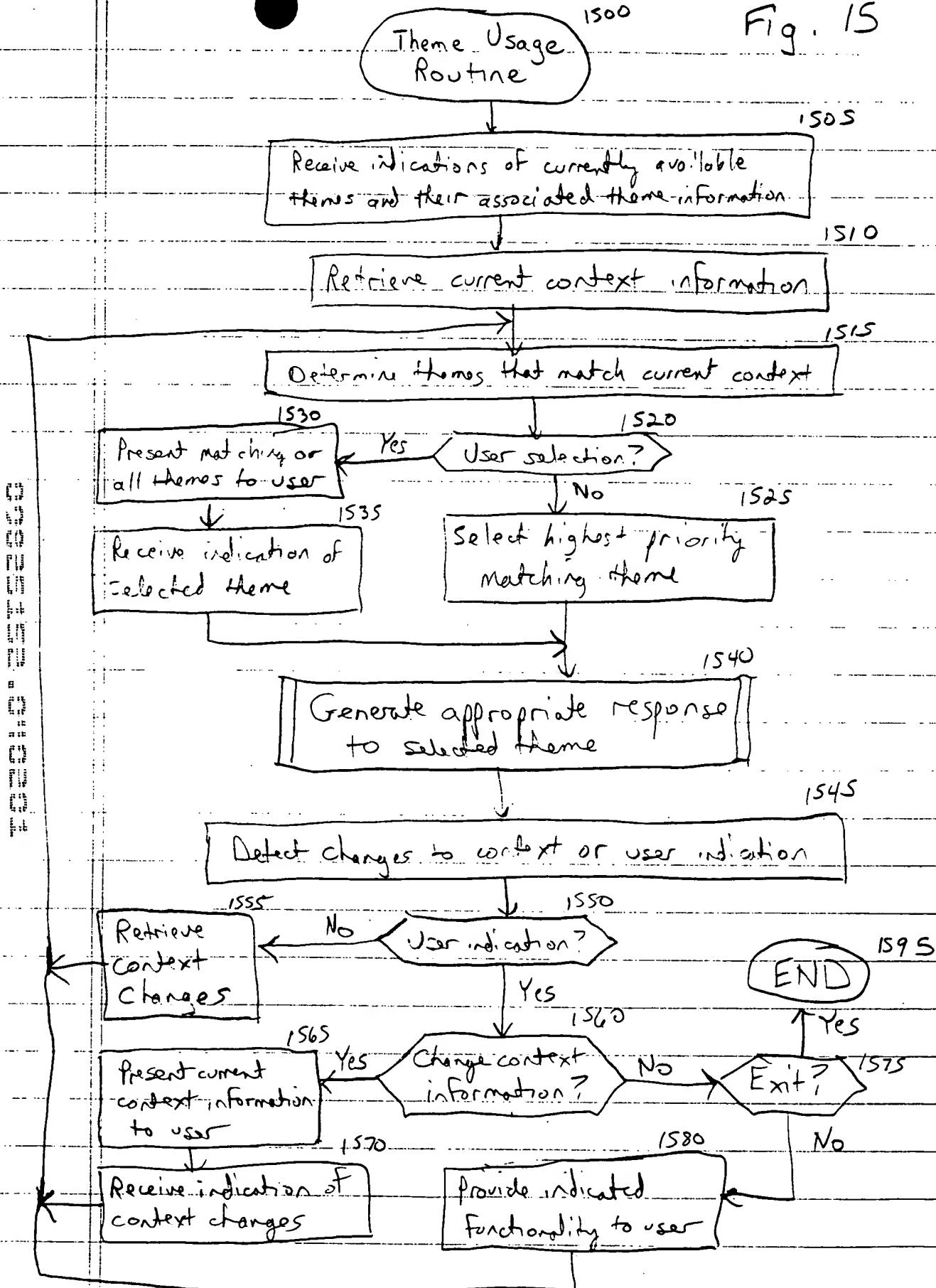


Fig. 16

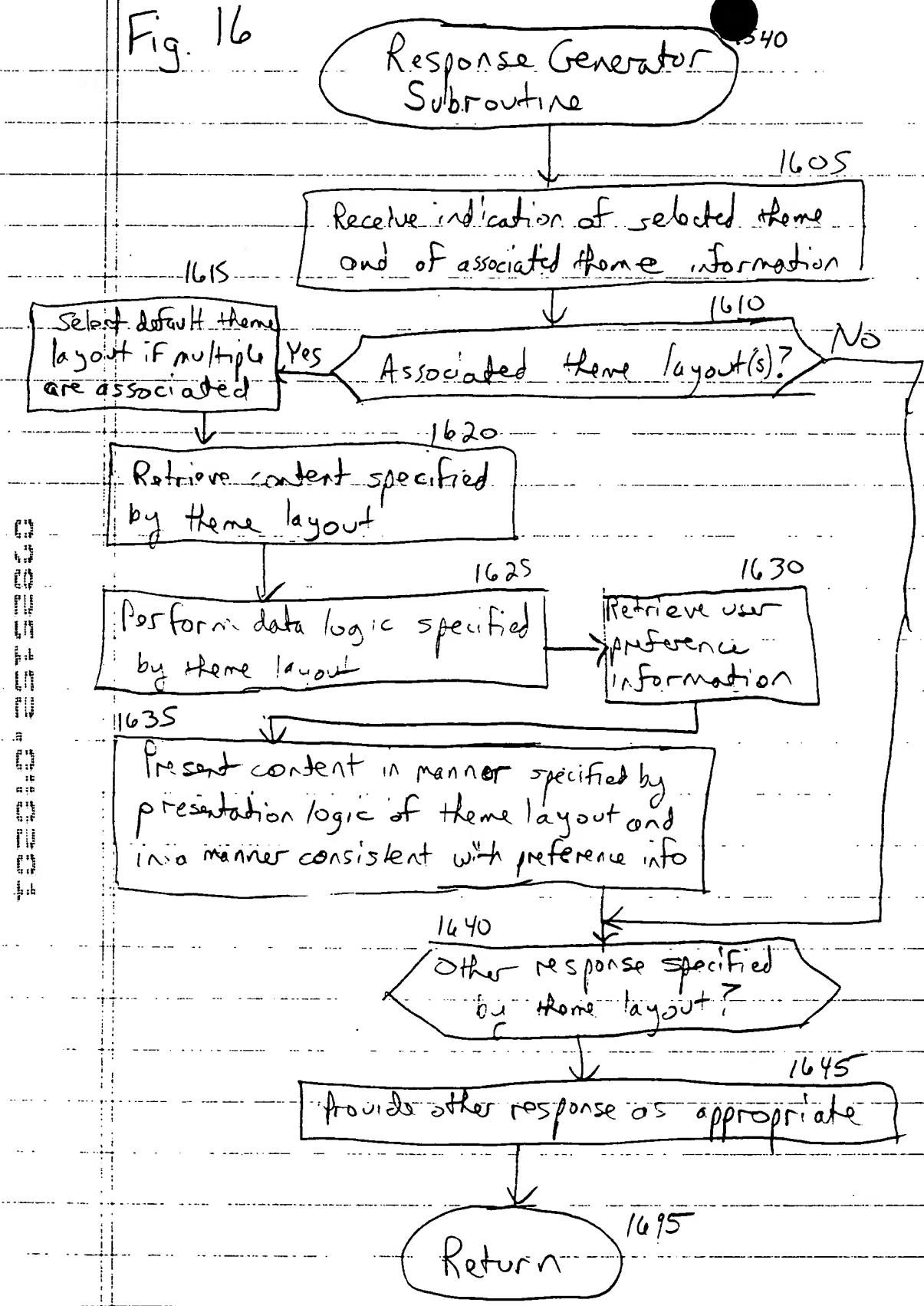


Fig. 17

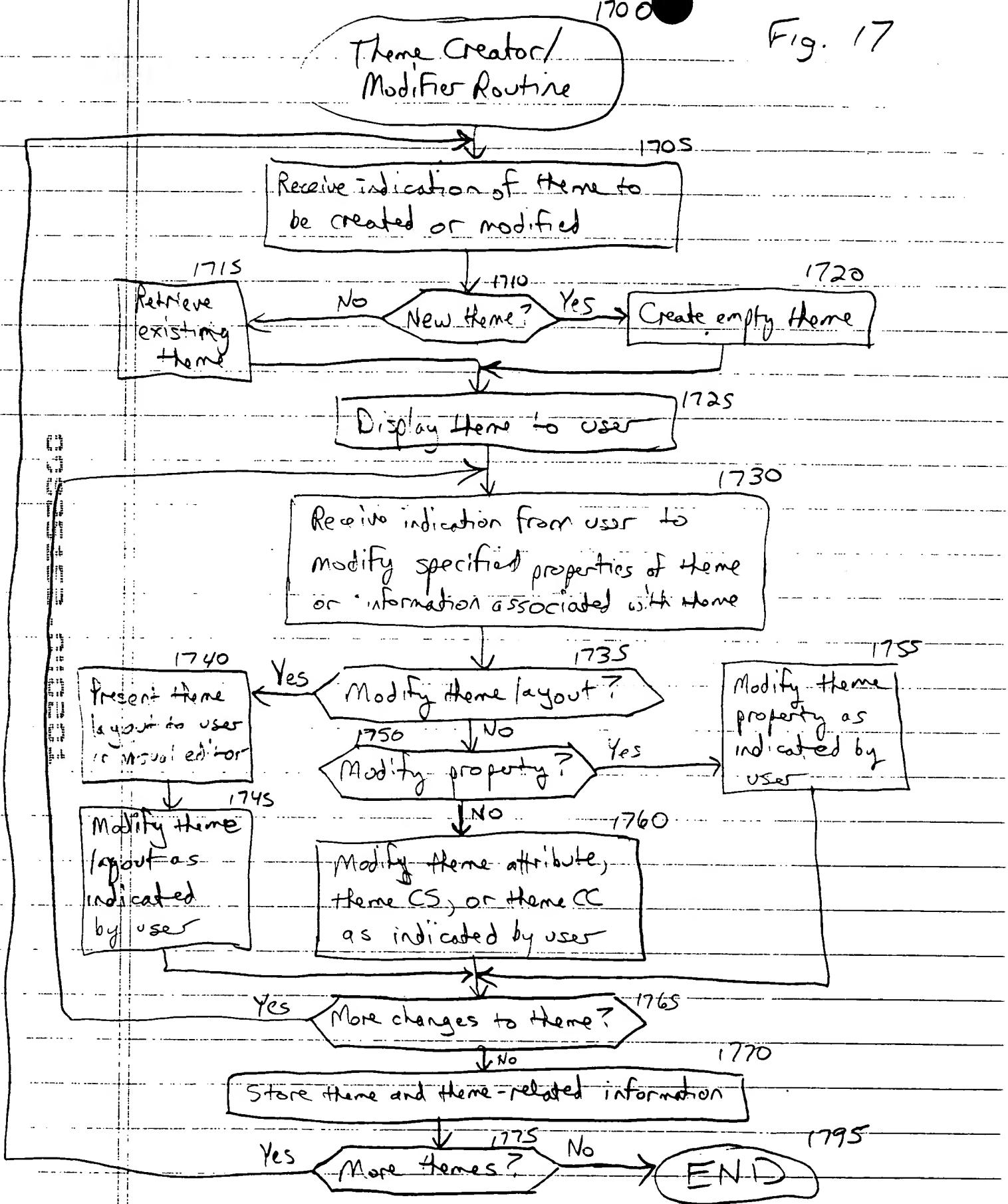
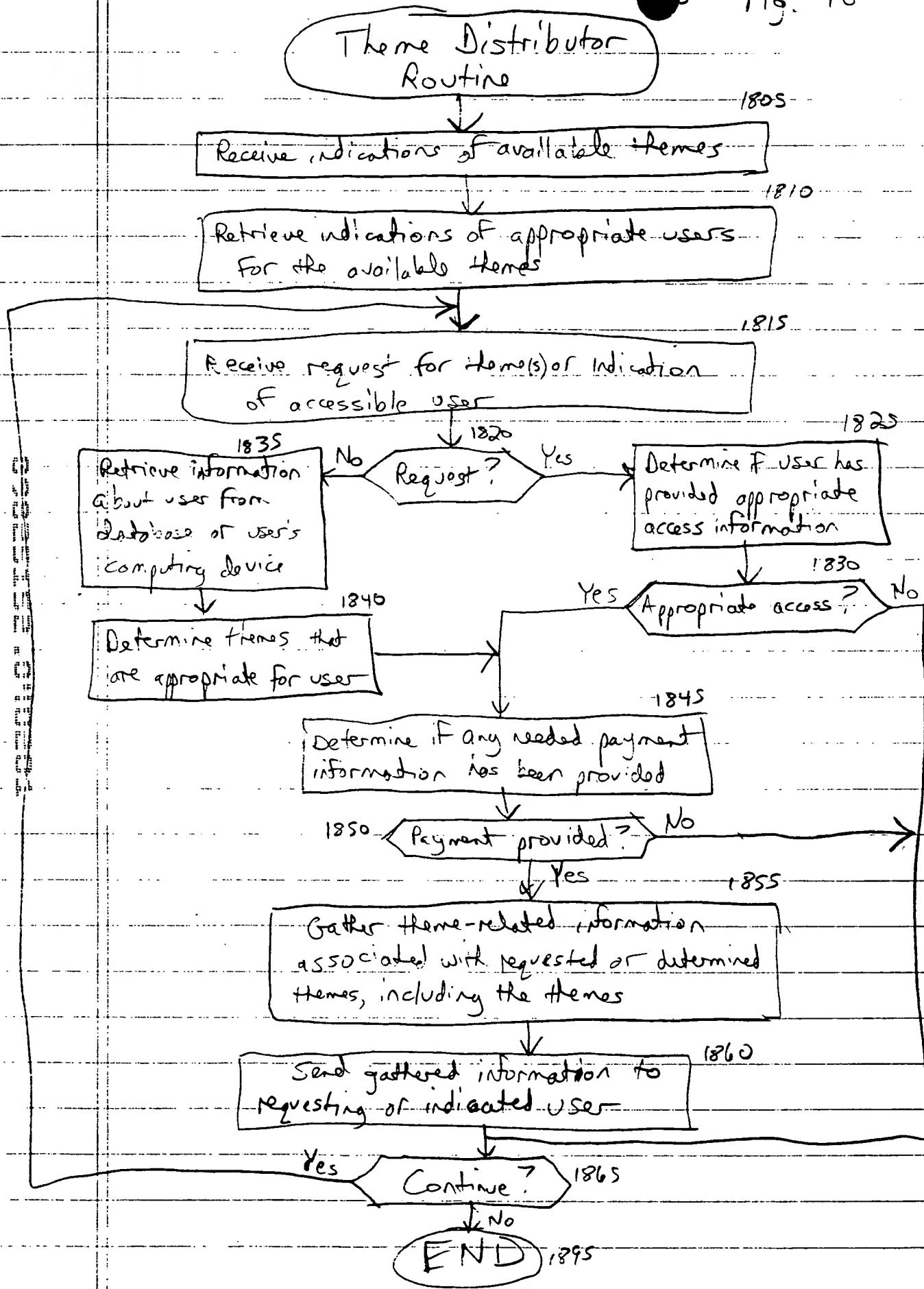


Fig. 18



1900

Fig. 19

Thone Receiver Routine

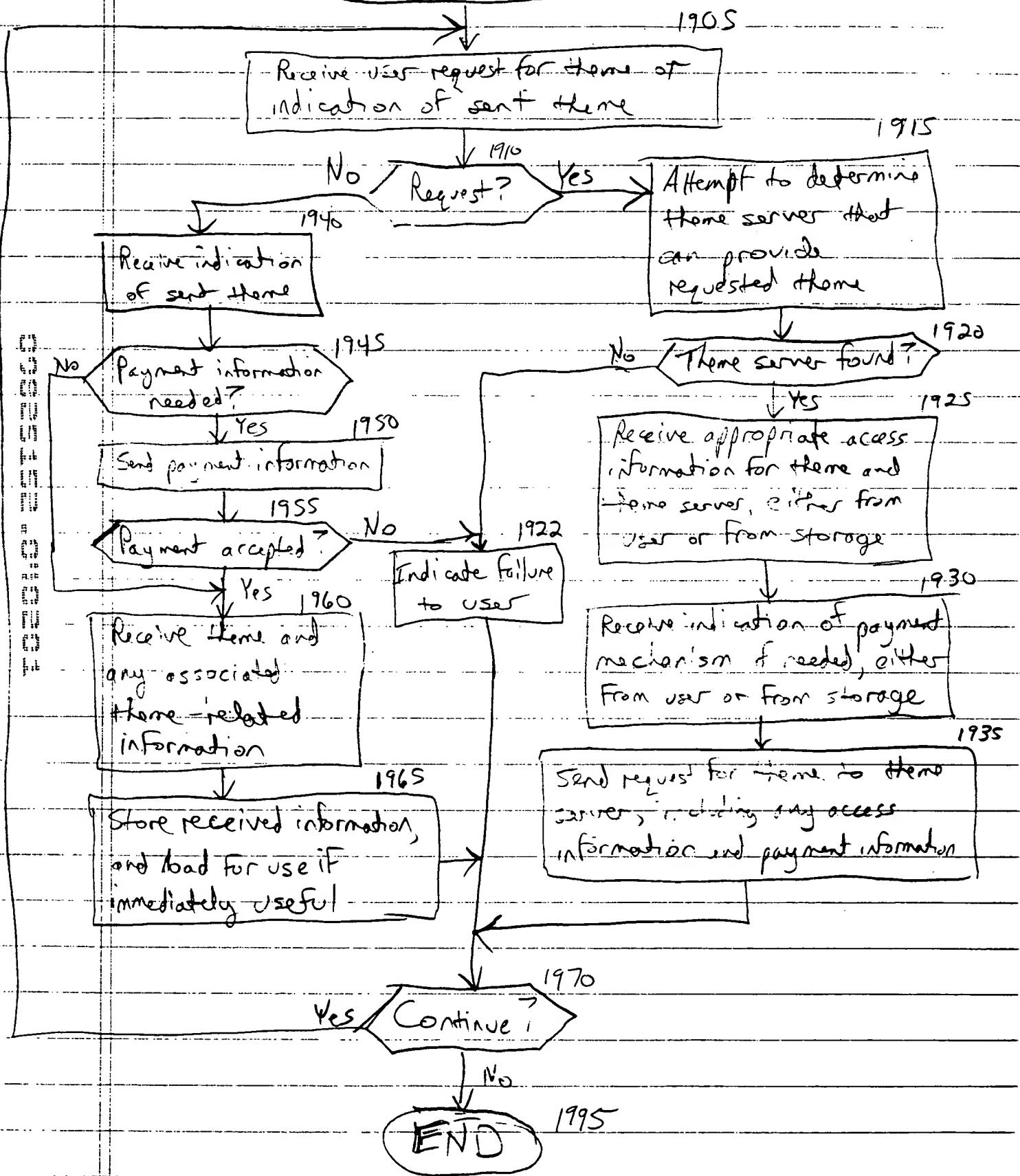
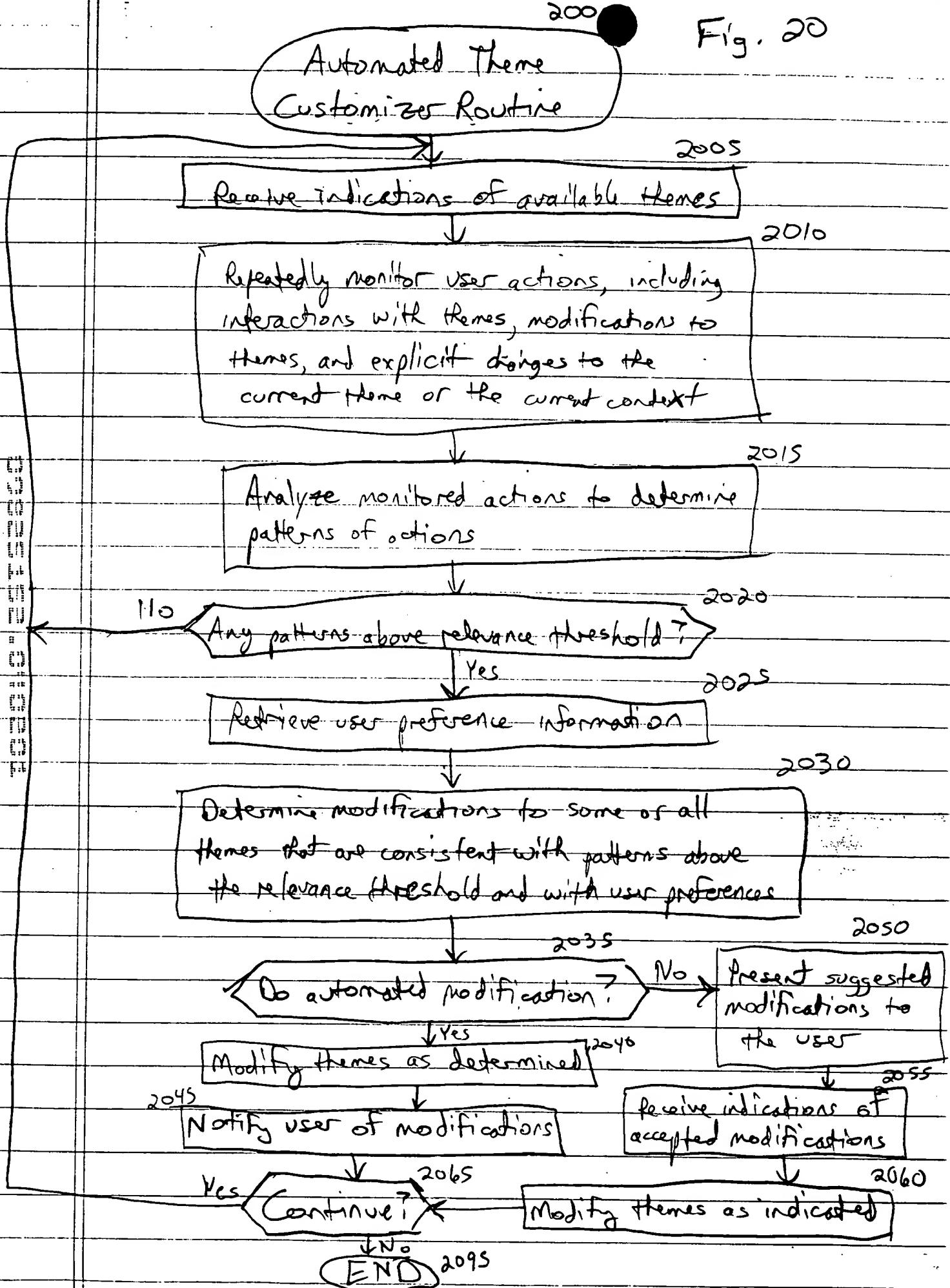


Fig. 20



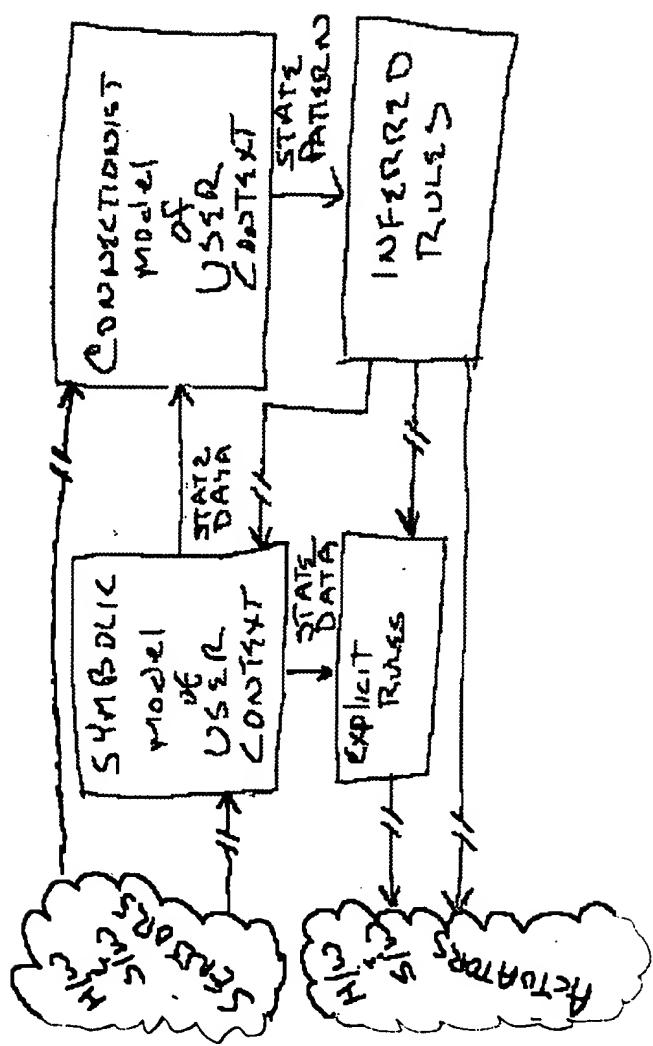


Figure 21

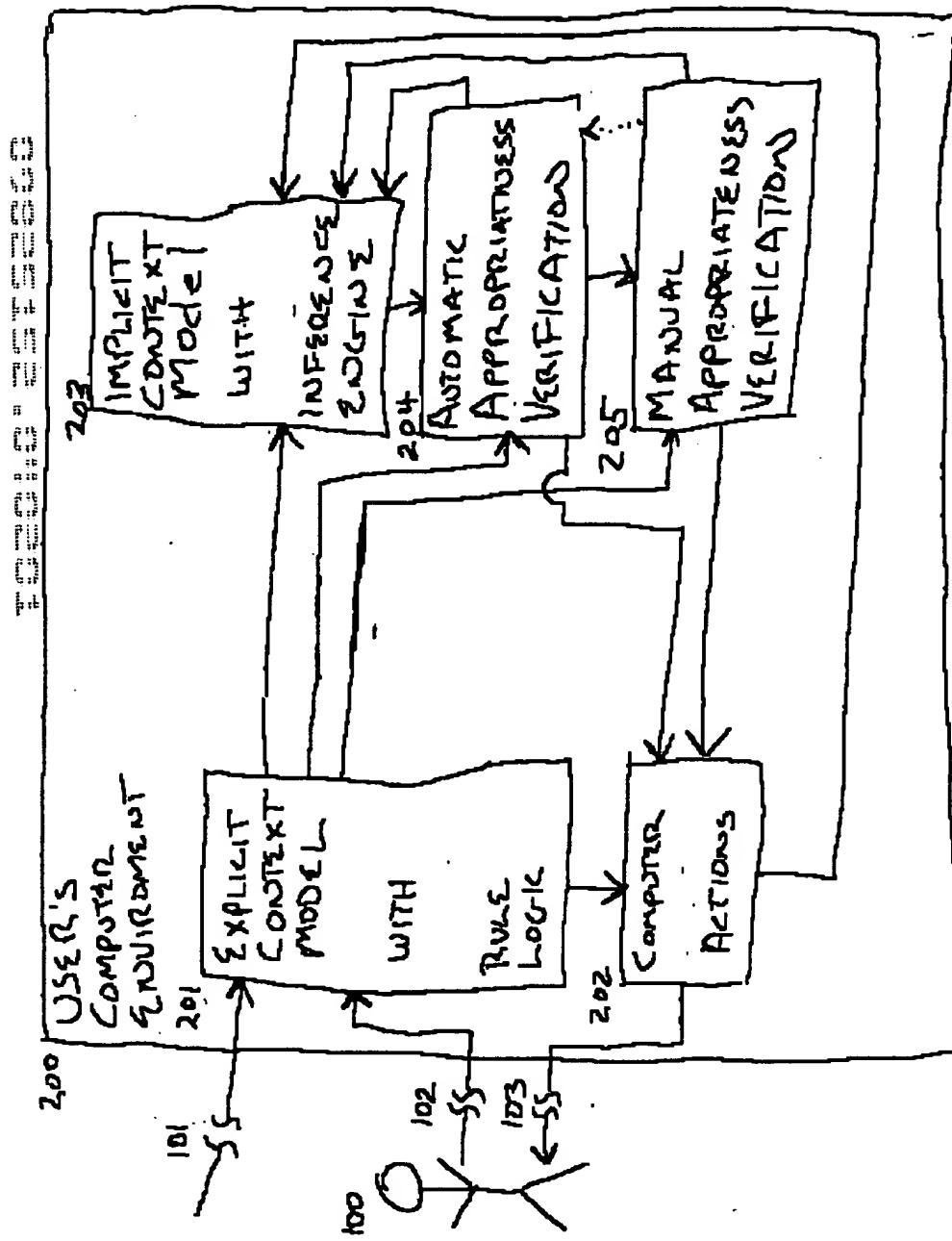


Figure 22

DATA STRUCTURE

Logic

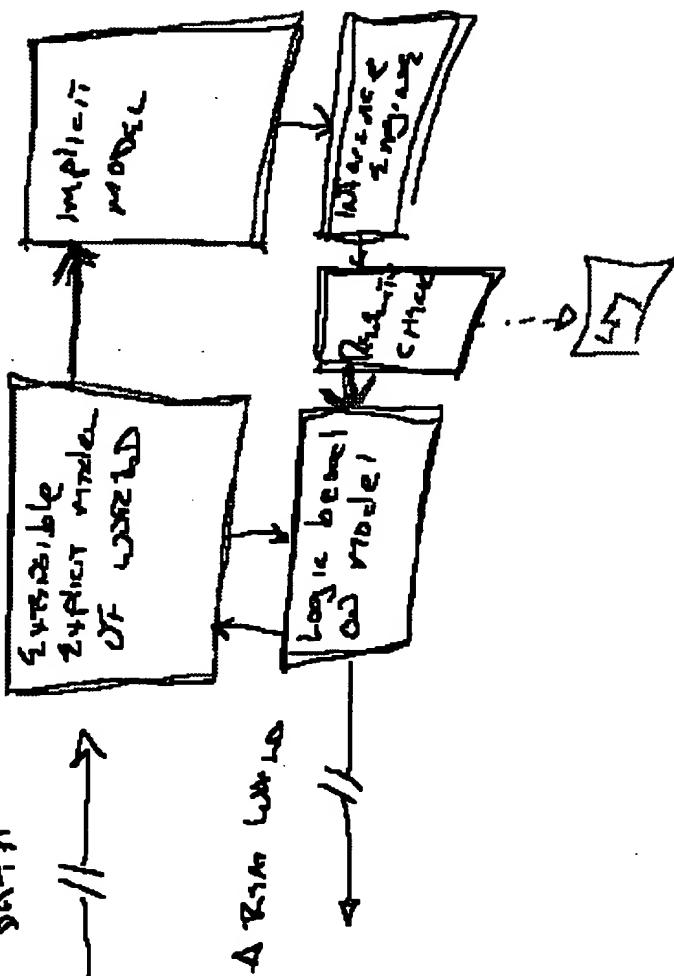


Figure 23

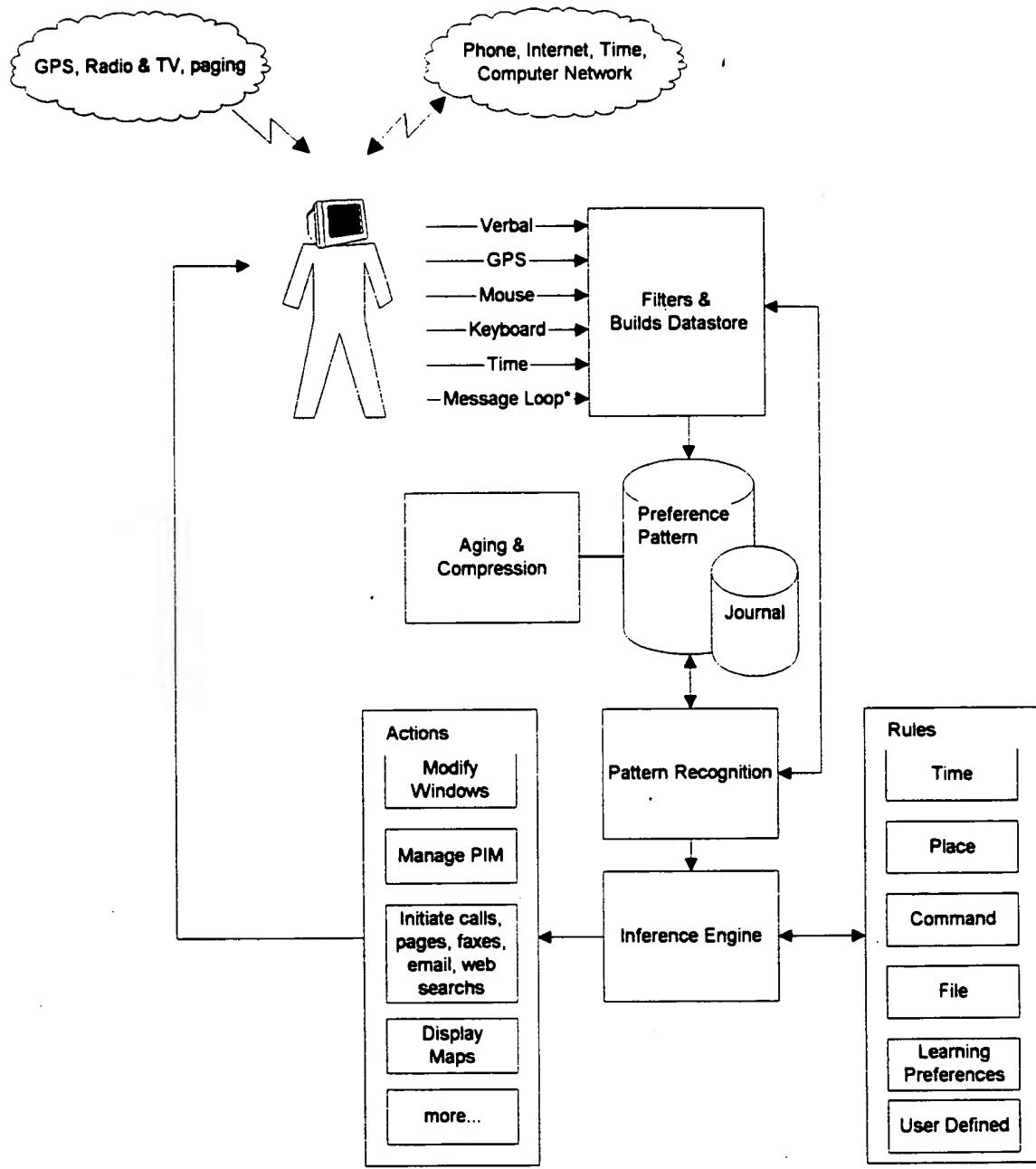


Fig. 24

Fig. 25

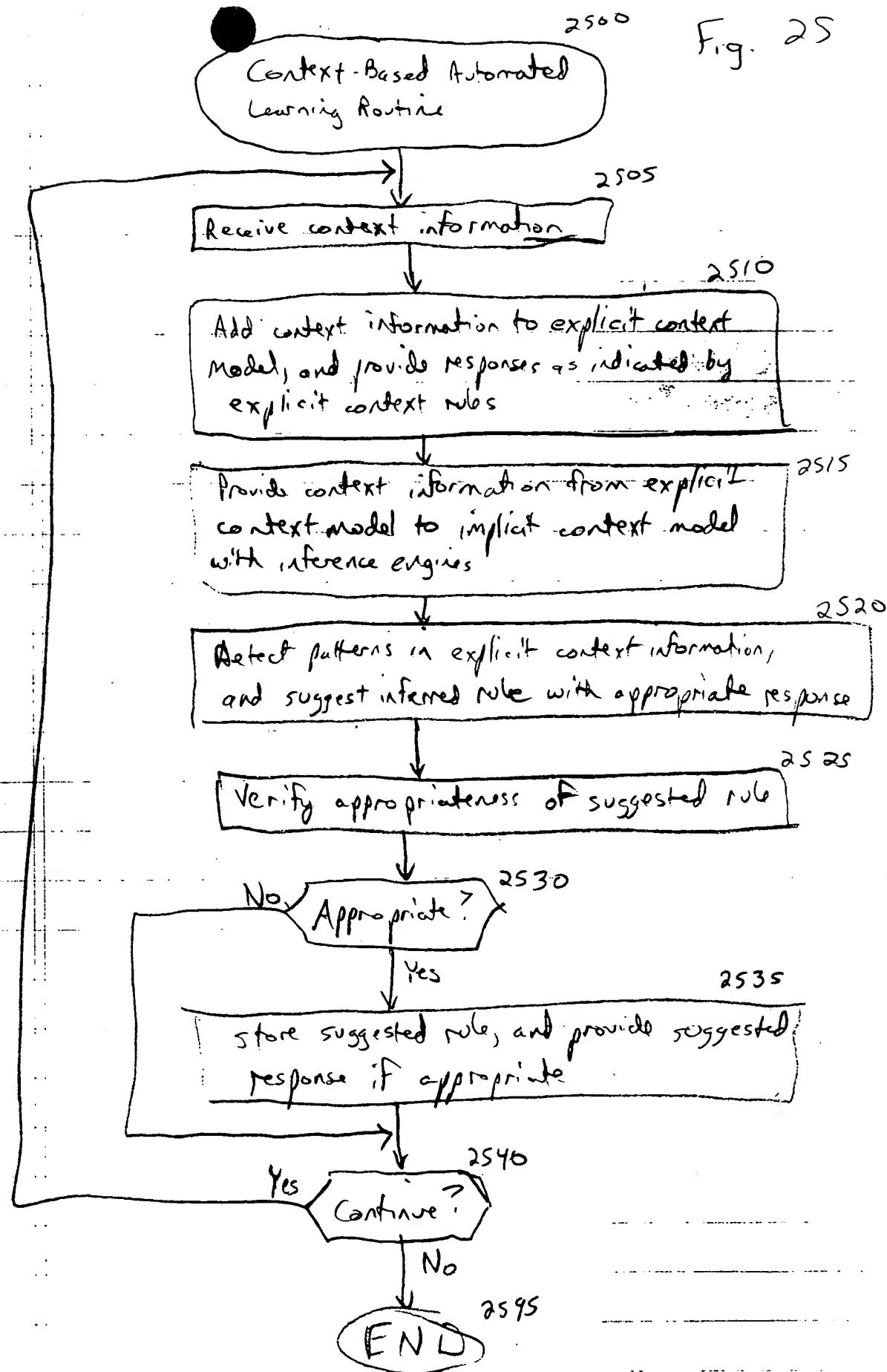


Fig. 26

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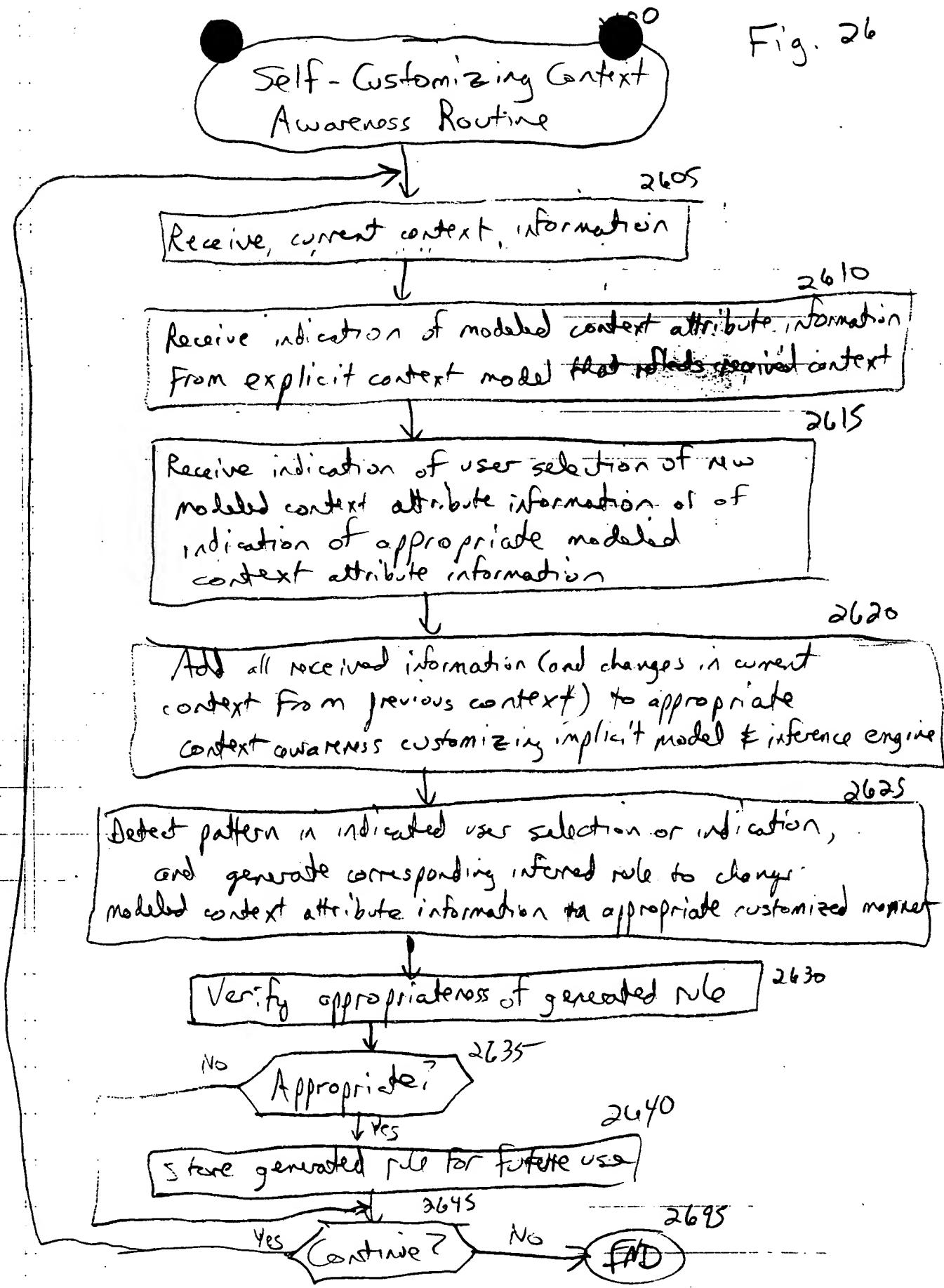


Fig. 27

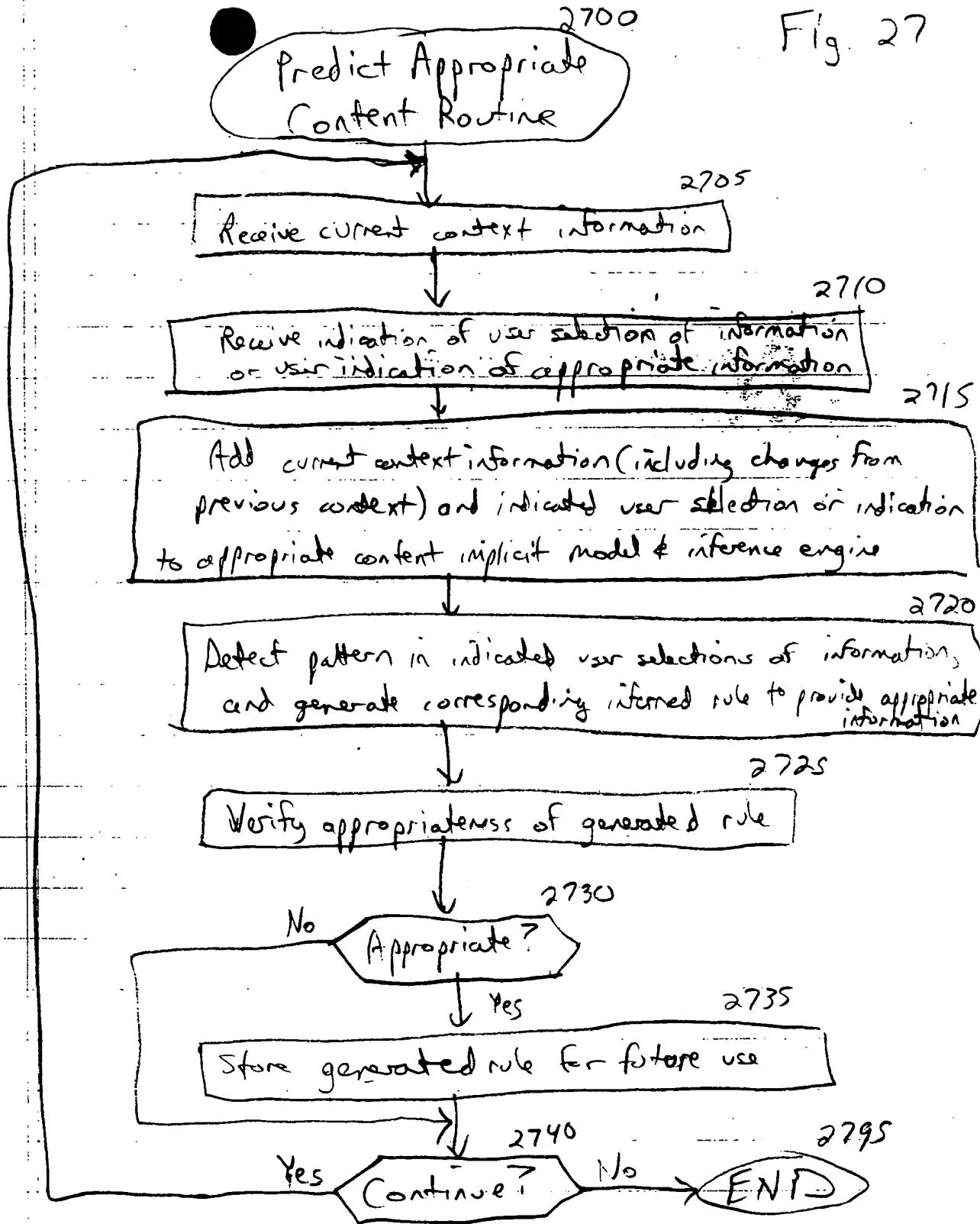


Fig. 28

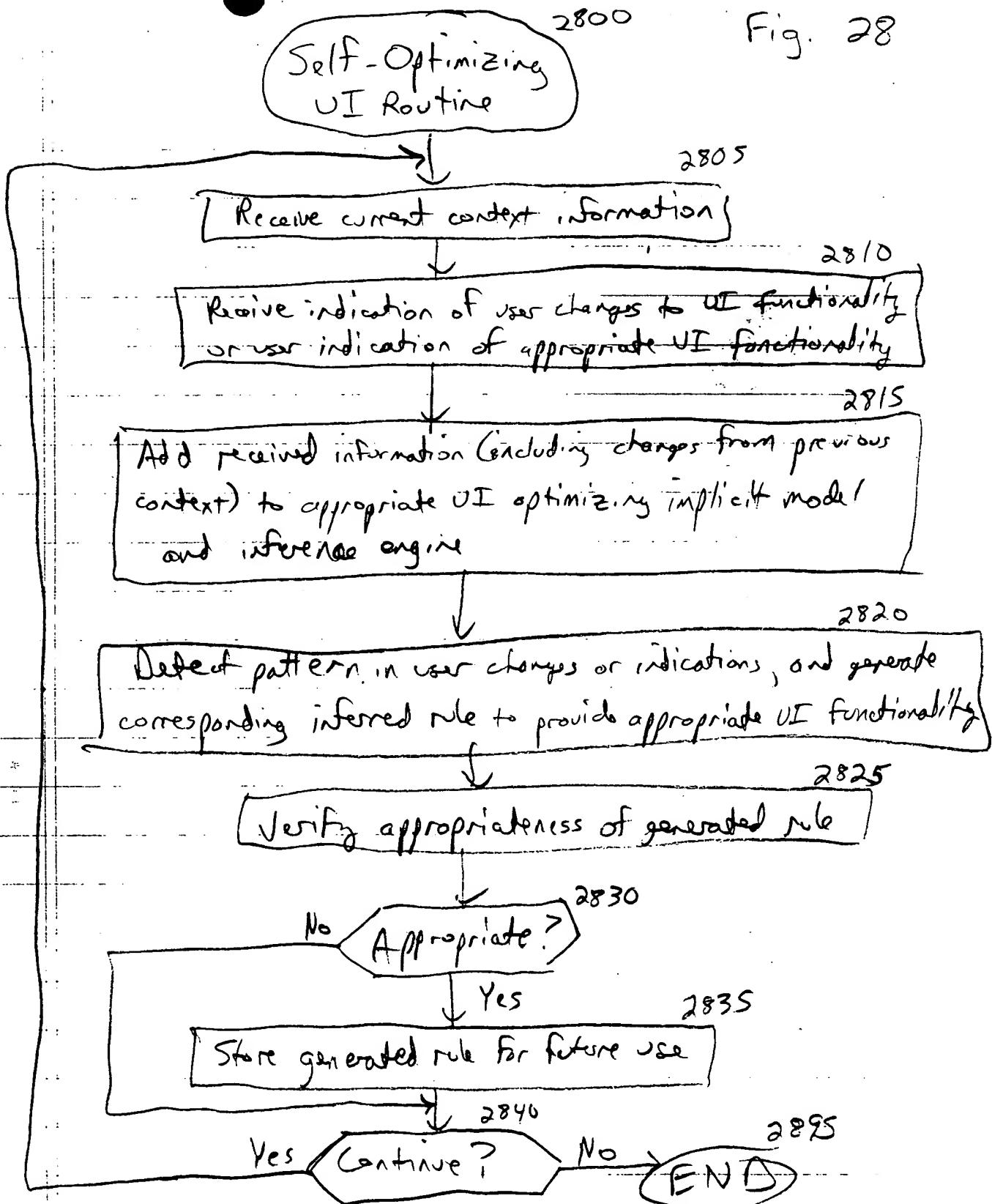


Fig. 29

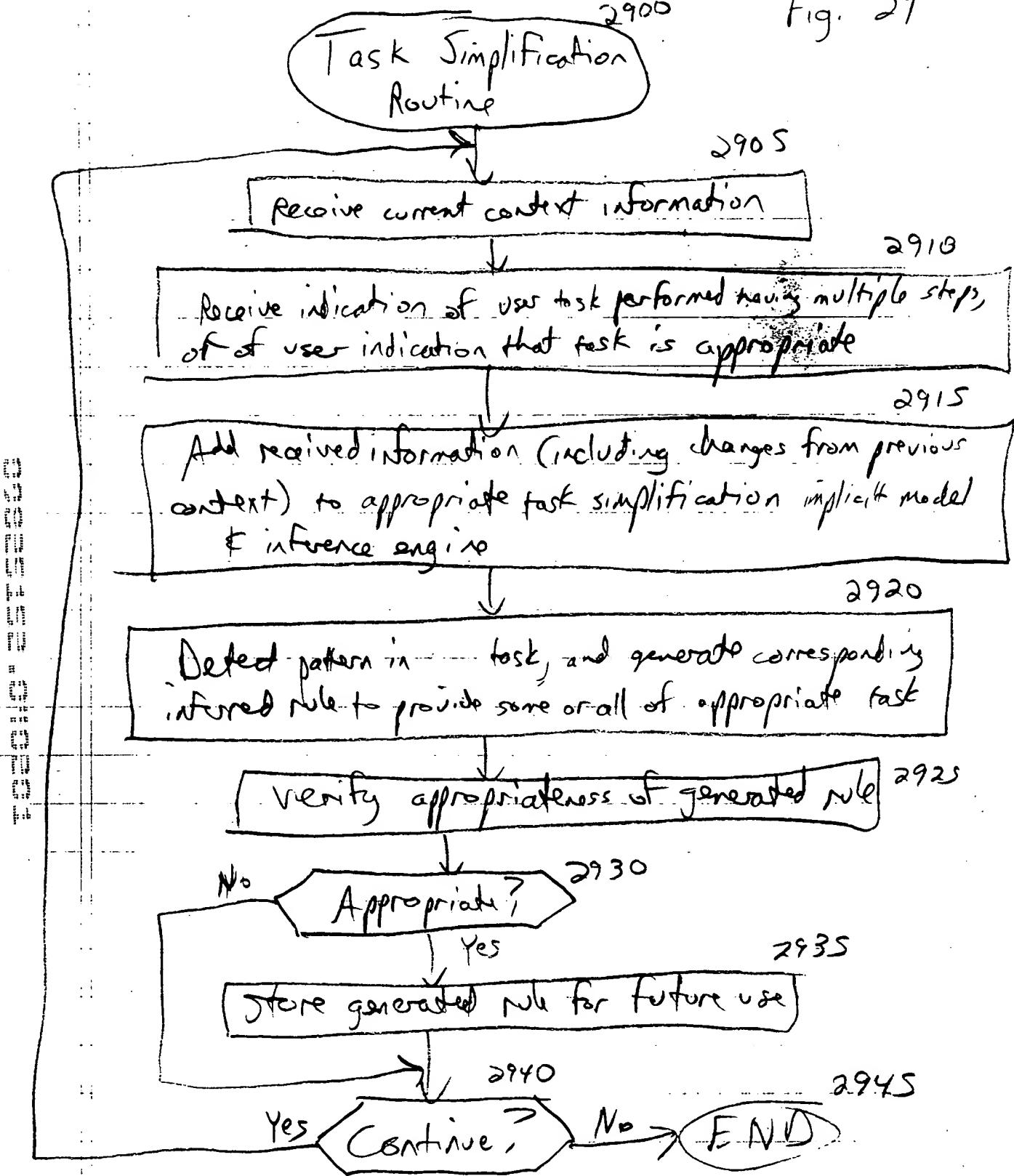


Fig. 30

